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CASHMAN NURSERIES, Inc.

Owatonna

Minnesota

Descriptive Price List

FOR DELIVERY
FALL SPRING
1953 1954

SEPTEMBER, 1953

OUR 56TH YEAR

FOUNDED IN 1898 - AND STILL GROWING



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This book is the property of Cashman Nurseries, Inc., Box 239,
Owatonna, Minn. Number If lost, reward for its return
to the above address.

Issued to

Salesman

Address

CASHMAN NURSERIES, INC.

OWATONNA, MINNESOTA

INTRODUCTION TO THE 1954 PRICE LIST

This year the price list has been completely revised. Instead of a bare price book the scope has been enlarged to include a basic description of each item, cultural information, and aids for landscape design, including a key for each landscape item to correspond with a new drawing template. The 100 salesmen who annually sell our products, most all represent different areas and sell differently. It is hoped this handy comprehensive book will help all of them. We hope more new salesmen become qualified landscapers and this book will reduce the time to get started; that our more experienced men will sell better, too. PLEASE STUDY THIS BOOK FROM COVER TO COVER. We have added many new items. While we have tried to be as accurate as possible, we will appreciate being told of errors in printing, ideas of your own which you feel should be included in the book, or statements with which you don't agree. In our effort to constantly improve the quality and utility of our sales materials, we present this book to you.

WARRANTY

We want our customers plants to grow! Because success depends largely on proper care, they must be advised how to plant, TO PLANT IN GOOD RICH SOIL, how to care for and water them. Be sure customers are verbally instructed by you even though they will later receive an instruction book. Call their attention to the back of the Order Pad.

We guarantee our products to arrive in first class condition. The Nursery should be promptly advised of any damage or loss in handling.

We warrant our nursery stock to be: Federal and State Inspected, free from disease; true to name and quality represented; and delivered at the proper planting time and in live condition. If our stock which has been planted and cared for in accordance with our simple instructions, and paid for according to our terms, fails to live the first season, we will replace it the following planting season without charge. (Evergreen and Red-Rich Strawberries replaced for one-half purchase price.) Mail copy of order, remittance to office with replacement request by October 1st following planting. Our liability in no event exceeds an amount greater than original purchase price.

TERMS

Do not sell varieties or sizes not listed.

Minimum down payment with order, 25%. Balance to be paid on day of delivery. Order for Replacement must include 100% cash payment.

Promises of credit after day of delivery by note or open account are the responsibility of salesmen and same to be deducted from his final settlement.

No orders cancelled or reduced after they are accepted (see terms on order). If customer lives in a town or city, street address must appear on order. If customer lives in country, rural route number should be written in. Orders must be signed by *both* customer and salesman. Both original and duplicate copy of order must correspond exactly. Send original to Office.

Minimum order \$5.00. Add \$1.00 packing and freight charges on orders under \$5.00.

No Transportation Charges when delivery made by our truck to a community delivery station, otherwise we ship freight or express C.O.D. We do not deliver to customer's premises.

Add 25% for stock personally selected by salesman or customer at Nursery.

Salesmen are charged back for difference when they make sales below list prices.

We do NOT plant. We make No Fall Deliveries, except Evergreens when special arrangements have been made in advance. We Guarantee to deliver at the proper time for planting, *but promise no definite delivery date.*

Customer agrees that the order is not subject to countermand unless request for same is accompanied by 40% of the purchase price (with credit for down payment) to cover cost of sale, reserving stock and liquidated damages. Customer then has option of cancelling obligation or having us hold order over until next year. Request must be received by March 1st.

PREMIUMS FOR CASH DOWN PAYMENTS

Does Not Apply to Fall Orders, or After March 1st

For sending in Cash Down Payment with the order for nursery stock only, the customer may choose from the following list of flowering shrubs:

One Shrub for a payment of.....	\$10.00 to \$25.00
Two Shrubs for a payment of.....	25.00 to 50.00
Three Shrubs for a payment of.....	50.00 to 100.00
Four Shrubs for a payment of.....	100.00 or more

No other premiums permitted except at salesman's expense.

Bin No.	Select from the following Shrubs:	Value
S-32	2 - 3' Hydrangea Pee Gee	\$2.50
S-68	2 - 3' Spirea, Bridal Wreath (Van Houtte).....	1.50
S-7	18-24" Barberry, Green (Thunbergi).....	1.50
S-29	2 - 3' Honeysuckle, Tatarian	2.00
S-16	2 - 3' Cotoneaster	2.00
S-37	18-24" Persian Lilac	2.00

Hydrangea P.G. as a premium represents a discount of more than 10% in the form of bank interest if the order were for a booking of one year in advance, 20% interest if order is taken 6 months in advance of shipping.

CASHMAN NURSERY PRODUCTS

1. Trees and plants that are perfect do not happen by chance. They result from painstaking, intelligent methods and persistent work, all of which takes money to bring about, particularly in the North where growth is not as rapid as in the South. To provide stock to withstand severe climatic conditions, it must be grown in the northern regions. Any tree or plant not adapted to our climate is very dear at any price, so don't be misled by cheap appealing catalog prices offering stock grown in tender climates.

2. A tree is no harder than its root system. A tree may be a perfectly hardy variety, but unless it is grafted and grown on a hardy root stock, it will not prove satisfactory. CASHMAN TREES are grown on hardy Northern roots, and are much harder than Southern grown understocks.

3. All hardy nursery stock is extremely scarce. The Cashman Nurseries' reputation for delivering high quality assures every salesman that his orders will be filled with the best in the sizes and varieties he sells. Our prices are in accord with the high quality of our guaranteed stock. Inferior grades of stock may be bought for less, but the successful salesman never experiences any difficulty in convincing his customers that cheap nursery stock is dear at any price.

VARIETIES & GRADES

4. Our price list includes the largest assortment of the best, strong growing varieties that are sure to give satisfaction. Do not sell varieties not in the list. We reserve the right to cut out of order items that are not listed. Be sure to write in sizes on orders, otherwise the order may be filled with smaller sizes.

5. Sizes listed in Price List are height above roots when shipped. The size listed after each variety is that considered proper for stock suitable for transplanting. The sizes vary according to the habit of growth of the shrub, as some are dwarf and others are medium or large in habit of growth.

6. The Grades offered represent all trees measuring not less than the smallest number listed and up to, *but not including the largest number*. For example, 18-24 inch evergreens include all measuring 18 inches and up to 24 inches, but a two foot item is included in the 24-30 inch grade. Six to eight foot sizes in Shade trees are the best to transplant.

7. Items not sold by size are all No. 1 quality or better. All sizes and grading conforms to the Standards of the American Association of Nurserymen.

8. Our salesmen should remember that they represent the largest, northern, hardy nursery concern in America, annually serving 30,000 customers, who have learned that it pays to buy trees from a reliable grower who refuses to offer cheap or inferior stock to its customers. Inferior grades of stock are sold to non-grower "nurseries," jobbers, and catalogue houses that attract their business by offering cheap prices. Usually the customer pays substantial express charges. Our truck delivery system assures delivery within 24 hours from storage to you.

Remember, you get no more than you pay for, and experience teaches that in nursery stock, the Best is the Cheapest. You will be proud to sell our quality of stock.

9. A good salesman never has to do any planting. He does not have time for it. When he plants, he only makes wages; when he sells, he has a "REAL" income.

10. Salesmen are cautioned not to make replacements on stock that has not been properly taken care of, properly pruned when set and neither mulched nor cutlivated. Trees planted and allowed to shift for themselves have less than a 50% chance to grow. Customers must be told that trees cannot be left to lay around before planting and must be planted and cared for very carefully the first two years. After that they will take care of themselves with ordinary care.

CARE OF NURSERY STOCK

11. A first class salesman always explains after the sale is made that the customer must come for his order on the first day of delivery; that the company cannot be responsible for any order not called for at that time.

12. Salesmen should advise every customer to soak his bundle in a tank of water or laundry tub so that the roots will be submerged for at least 24 hours, but not more than 40 hours before planting. (This does not apply to evergreens.) Then the stock will fill up with moisture and leaf out promptly. Also, to trim back the top, cutting off the majority of the limbs. Pruned trees start more readily and bear at least two years earlier than trees not pruned when set out. Pruning is important for all fruit and shade trees; Cut Leaf Birch, however, should not be pruned.

*(All fruits are listed in order of harvest)***APPLES & CRAB APPLES (G)**

(The [G] refers to width of tree, see page 22)

		3-4'	4-5'	5-7'
1 to 5 each	.....	\$2.25	\$2.75	\$3.25
6 to 11 each	.....	2.00	2.50	3.00
12 or more each	.....	1.50	2.00	2.50

Bin

No. Ideal Family Apple Orchards

F-3 *Mantet F-21 *Prairie Spy

F-5 Oriole F-22 Fireside

F-7 *Beacon F-23 Redwell

F-8 Wealthy F-24 Dolgo Crab

F-10 *Lakeland F-25 Whitney Crab

F-11 *Minjon F-27 *Chestnut Crab

24 tree orchard—2 each of these popular 12 varieties

12 tree orchard—1 each of the above varieties

6 tree starter orchard—6 starred trees

Between the Apple trees, plant Plums or Cherries for fillers,
they bear early before the Apples reach maturity.

Bin No.

SUMMER VARIETIES

F-1 ↘ Anoka — Very hardy, early bearing but poor keeping qualities. Good for extreme North.

F-2 ↘ Yellow Transparent — Yellowish green tart apple, good tasting, excellent for extreme North.

F-3 ↘ Mantet — Excellent all purpose, all red, early summer apple. Extremely hardy. Origin, Manitoba. Cooking and eating apple.

F-4 ↘ Erickson — Large, annual bearing slightly tart fruit. Originated at Aitkin, Minnesota.

F-5 ↘ Oriole — A Minnesota Fruit Breeding Farm introduction. One of the best summer apples, large, yellow with red blush.

F-6 ↘ Minnesota Red Duchess — Russian Origin. Medium size, commercial value, early bearing, cooking and eating apple. Better color than original Duchess apple.

FALL VARIETIES

F-7 ↘ Beacon — A Minnesota bred apple with dark red fruit. Ripens about Labor Day.

F-8 ↘ Wealthy — Medium to large sized red fruit. Ripens in September. Keeps to Christmas.

F-10 ↘ Lakeland — A Minnesota Fruit Breeding Farm introduction. Similar to the Wealthy. A good solid apple. It bears medium sized fruit with a deep red color. Ripens in September. Keeps longer than Wealthy. Bears fruit annually.

F-11 ↘ Minjon — Minnesota's hardy Jonathan. Ripens late fall and is very hardy. An all red apple. Keeps well until mid-January. Good for cooking, fair for eating.

F-12 ↘ McIntosh — Origin, Eastern Canada. Produces a solid, bright red apple. Fruit ripens in October. Fruit keeps until mid-winter. Very white fruit, excellent for eating. Not recommended North of Minneapolis. Delightfully aromatic.

F-13 ↘ Victory — Origin, Minnesota Fruit Farm. An improved McIntosh but keeps until March. Somewhat flattened in shape, medium well colored.

F-14 ↘ Cortland — A New York apple, McIntosh type, but later in ripening and fruit hangs well on tree.

WINTER VARIETIES

F-15 ↘ Northwestern Greening — Most popular green apple. Very large, greenish yellow fruit. Ripens in October. A good winter keeper. Origin, Wisconsin.

F-16 ↘ Grimes Golden — Popular eating apple. Not recommended for Minnesota.

F-17 ↘ Red Delicious — A late apple with dark red fruit. Fruit keeps well in winter. Not too hardy in Minnesota.

F-18 ↘ Jonathan — Ripens early in fall. Fruit is red colored. Stores well. Not hardy in Minnesota.

APPLES—Cont'd.

Bin No.

- F-19 ↘ Rhoda — A Cashman introduction 50 years ago. Dark red, large, oblong, very sweet. Keeps until May.
- F-20 ↘ Haralson — A famous Minnesota winter apple. The red fruit is medium sized. An early bearing apple. Fruit will keep well all winter. A proven favorite and one of our best sellers.
- F-21 ↘ Prairie Spy — Large red fruit. Good for cooking or eating. Ripens in September. Will keep until May. Possibly the very best University of Minnesota winter apple.
- F-22 ↘ Fireside — Origin, University of Minnesota Fruit Farm. A red over yellow color. The fruit ripens in October. A new improved Delicious bred for this climate. Fruit keeps to April.
- F-23 ↘ Redwell — Medium sized fruit of solid red coloring. Ripens in October. A University of Minnesota hardy introduction which bears annual crops.

CRAB APPLES (G)

(Ornamental varieties are listed on Page 32)

SUMMER VARIETIES

- F-24 ↘ Dolgo — Ornamental and most popular jelly crab. White blossoms. Very hardy.
- F-25 ↘ Whitney — Upright growing, yellow with red stripes, eating apple. September. Very hardy.

FALL VARIETIES

- F-26 ↘ Flame — Ornamental plus good fruit for jelly and pickles, one of our best, white blossoms and flame red good fruit. University of Minnesota origin.
- F-27 ↘ Chestnut Crab — Best variety, large, sweet, crisp and juicy. Keeps through October. University of Minnesota origin.

↘ HARDY FIVE-IN-ONE APPLES

- F-28 The vest pocket apple orchard for small backyard. A real value. Same as five trees for the price of two. Two buds of each of the following varieties: (1) Beacon, (2) Fireside, (3) Minjon, (4) Prairie Spy, (5) Wealthy budded on Hardy Dolgo Crab. Trees are trimmed before shipping. Advise customer not to prune.

Five-In-One Apple 5-7' \$6.00 each

↘ HARDY THREE-IN-ONE APPLES

- F-29 These apples will bear three kinds of fruit however the varieties are unknown.

Three-In-One Apple 5-7' \$4.00 each

HARDY MANCHURIAN APRICOTS (F)

	3-4'	4-5'
1 to 5 each	\$3.25	\$3.75
6 to 11 each	3.00	3.50
12 or more each	2.50	3.00

- F-30 ↘ Mandarin — Yellow fruit, Large, good fresh or cooked.

- F-31 ↘ Scout — Golden bronze, good in jam or canned. Plant both varieties for pollination.

CHERRIES

RED SOUR PIE CHERRIES

	5-6'	6-8'
1 to 5 each	\$4.00	\$4.50
6 to 11 each	3.50	4.00
12 or more each	3.00	3.50

- F-32 ↘ Northstar (Minn. #58) (F) — A true dwarf cherry tree introduced by University of Minnesota. More hardy than other varieties. Annual bearer.

- F-33 ↘ *Meteor (G) — A new introduction of the University of Minnesota Fruit Breeding Farm. A strong vigorous and very hardy tree. Fruit is brilliant, large. Stone is small and free. Later than Northstar, its companion.

- F-34 ↘ Early Richmond (G) — A good pie cherry of medium size. The fruit is medium sized and bright. Origin in Europe.

- F-35 ↘ Montmorency (G) — The most widely planted pie cherry. The cherries are large and beautiful, good in quality and flavor.

CHERRIES—Cont'd.

Bin No.

BUSH CHERRIES—Hansen—(*Prunus Besseyi*) (D) — A medium ornamental shrub suitable for foundation planting as well as culinary uses (plant one of each for pollination). Also see description under shrubs page 18.

	18-24"	2-3'
1 to 5 each	\$2.50	\$3.00
6 to 11 each	2.25	2.75
12 or more each	2.00	2.50

F-36 ↘ **Black Beauty** — An improved upright variety. The fruit is sweet and dark.

F-37 ↘ **Brooks** — Upright, good 1" yellowish-green fruit.

F-38 ↘ **Sioux** — Low spreading, good sweet juicy fruit.

All three good pollinizers for cherry-plums.

KOREAN CHERRIES — (*Prunus Japonica*) (D) — A University of Minnesota introduction. Small narrow leaves. Bear heavy crop red cherries. Good for sauce and preserves. 4' height. Hardy. Plant one of each for pollination.

F-39 ↘ **Minnesota No. 20**

F-40 ↘ **Minnesota No. 57** Same price as Bush Cherries

F-41 ↘ **Minnesota No. 60**

↘ **NANKING CHERRIES** — (*Prunus Tomentosa*) (F) — Origin, University of Minnesota. Large bush or small tree bearing sweet cherries good for eating. Hardy in the North. Also see description under shrubs page 18.

F-42 ↘ **Orient (Minnesota No. 65) Nanking Cherry**

	2-3'	3-4'
1 to 5 each	\$2.50	\$3.00
6 to 11 each	2.25	2.75
12 or more each	2.00	2.50

CHERRY-PLUM HYBRIDS (F)

	3-4'	4-5'	5-6'
1 to 5 each	\$2.50	\$3.00	\$3.50
6 to 11 each	2.00	2.50	3.00
12 or more each	1.50	2.00	2.50

Plant Compass or Bush Cherries for pollination.

F-43 ↘ ***Manor** — Vigorous annual bearer. Sweet like Sapa, meaty, dark red. Excellent for canning. Very hardy. Origin, Manitoba.

F-44 ↘ **Oka** — Eating and cooking, deep purple red. Origin, South Dakota.

F-45 ↘ **Opata** — Hardy, purple with greenish-yellow flesh. Origin, South Dakota.

F-46 ↘ **Sapa** — Best and most popular, small size tree, clingstone, juicy and sweet.

F-47 ↘ **Sapalta** — Quick bearing, purple fruit and sweeter and less clingstone than Sapa.

F-48 ↘ **Compass** — Small red fruit, sauce and preserves. Origin — Minnesota. One of the best pollinator Plums.

Collection of 1 of each Manor, Sapalta, Sapa and Compass 5-6' size \$13.50

HARDY PEARS (G)

	3-4'	4-5'	5-6'
1 to 5 each	\$2.50	\$3.00	\$3.50
6 to 11 each	2.00	2.50	3.00
12 or more each	1.50	2.00	2.50

F-49 ↘ **Golden Spice** — Vigorous, small fruit, very hardy. Fruit keeps three weeks. A University of Minnesota introduction.

F-50 ↘ **Parker** — Fruit is greenish yellow with an attractive blush. Medium to large size. Fruit ripens in September. Good for eating and canning.

F-51 ↘ **Patten** — Bears good fruit which is sweet and of good size. A very productive variety.

F-52 ↘ **Cashman** — Improved Patten type. Hardy.

PEACHES (G)

We do not grow Peaches at Owatonna, but have them grown for our customers in warmer climates.

	3-4'	4.5'
1 to 5 each	\$2.50	\$3.00
6 to 11 each	2.00	2.50
12 or more each	1.50	2.00

Bin No.

F-53 ↘ Elberta — Most popular variety — Yellow flesh, freestone. Late.

F-54 ↘ Red-Haven — Earliest, productive, free stone.

JUMBO HYBRID PLUMS (G)

Fruits are listed in order of harvesting.

These Plums require a pollinizer, as Kaga or South Dakota.

	3-4'	4-5'	5-6'
1 to 5 each	\$2.50	\$3.00	\$3.50
6 to 11 each	2.00	2.50	3.00
12 or more each	1.50	2.00	2.50

F-55 ↘ LaCrescent — Freestone, sweet, early, excellent, hardy.

F-56 ↘ Underwood — Clingstone, excellent large fruit. Ripen in August.

F-57 ↘ Red Coat — Midseason, all purpose, freestone.

F-58 ↘ Pipestone — Large, solid red, all purpose, very hardy in North.

F-59 ↘ Fiebing — Large red mid-season clingstone fruit.

F-60 ↘ Kaga — Apricot flavored delicious Plum. Good *pollinizer*. Hardy.

F-61 ↘ Surprise — A heavy bearing, dependable Plum with red fruit. This variety also serves as a pollinizer.

F-62 ↘ Superior — Best midseason, all purpose, large fruit.

F-63 ↘ Waneta — Good fruit, but susceptible to brown rot.

F-64 ↘ *Red Glow — A large, late attractive Red Plum introduced by University of Minnesota.

F-65 ↘ South Dakota — Medium size, dessert type, good *pollinator*, hardy.

F-66 ↘ Ember — Best quality for everything except jelly.

Collection of our 12 best sellers: 2 each of Ember, Red Coat, Superior Underwood, Kaga (Pollinator) and Mount Royal. 5-6'.....\$30.00

EUROPEAN TYPE PLUMS (G)

(Price same as Jumbo Hybrid Plums)

F-67 ↘ *Bonny St. Anne — Hardy, freestone, purplish-black fruit. Very good for dessert, sauce and canning. Origin, Canada.

F-68 ↘ Mount Royal — Blue — Good for dessert and cooking. Origin, Canada. Medium hardy. Self fertile.

CURRANTS (D)

Very strong well branched two year plants. No. 1 Heavy.

1 or 2	3 to 5	6 or more
\$1.50	\$1.25	\$1.00 each

F-69 ↘ Red Lake — Red, best for home and market, easy to pick. A Minnesota introduction.

F-70 ↘ White Grape — Transparent, mild delicate flavor.

GOOSEBERRIES (D)

1 or 2	3 to 5	6 or more
Each \$2.00	\$1.75	\$1.50

F-71 ↘ Pixwell — A new, absolutely hardy introduction. Large, oval, pink-colored berries. A large bush that produces heavily. 2 year, No. 1 heavy.

RED RASPBERRIES (C)

Purchase certified plants from a State and Federal inspected nursery. Your neighbor's plants, although free, may carry Mosiac, a virus disease; Crown Gall, a bacterial disease; Antracnose, a fungus disease; Spur Blight; Red Spider; and Cane Borers (See Minn. Extension Bulletin No. 255).

12	25	50	100
\$3.50	\$6.00	\$11.00	\$20.00

Bin No.

- F-75 ↘ Chief — Early, excellent in North.
 F-72 ↘ Indian Summer — Everbearing, two crops.
 F-73 ↘ Latham — Best Commercial and home variety, late.
 F-74 ↘ Newburgh — Heaviest cropper, late.

BLACK & PURPLE RASPBERRIES and BLACKBERRIES

Require winter protection in Minnesota.

12	25	50	100
\$4.00	\$7.00	\$13.00	\$25.00

- F-76 ↘ Cumberland — Black Raspberry.
 F-77 ↘ Columbian — Purple Raspberry.
 F-78 ↘ Sodus — Purple Raspberry.
 F-79 ↘ Alfred — Large Blackberry.
 F-80 ↘ Snyder — Medium Blackberry.

STRAWBERRIES

JUNE BEARING VARIETIES

25	50	100	500
\$1.75	\$3.00	\$5.00	\$22.50

Bin No.

- F-81 ↘ Premier — Most dependable early variety, large berries and a heavy yielder.
 F-82 ↘ Fairfax — Regarded as the top quality berry in flavor although less vigorous in growth than Premier. Very decorative leaves, deep glossy green. Must be picked closely during fruiting season or fruit will not be attractive.
 F-83 ↘ Blakemore — A medium to large early berry and will stand a lot of abuse in growing, handling and shipping.
 F-84 ↘ Dunlap — A mid-season popular, medium size berry. Second to Premier in popularity.

EVERBEARING VARIETIES

25	50	100	500
\$3.50	\$6.00	\$10.00	\$45.00

- F-85 ↘ Big Gem — Of Michigan origin, light red fruit. The late crop usually ripens early in Minnesota.
 F-86 ↘ Evermore — A hardy Minnesota introduction. Dark red, medium size fruit.

F-87 ↘ RED RICH—Of Minnesota origin. Largest selling everbearing strawberry. Huge, deep color and good.

25	50	100
\$5.00	\$10.00	\$20.00

F-88 RED RICH—POTTED—Potted plants bear good crops the first season.

25	50	100
\$7.00	\$14.00	\$28.00

Potted Red Rich only shipped where we have a community truck delivery. If customer wishes them by Express or Parcel Post, inform them they are heavy due to weight of earth.

GRAPES

1 to 5	6 to 11	12 or more
\$1.00 each	\$.85 each	\$.75 each

Bin No.

- F-89 ↘ **Beta** — A vigorous and hardy grape. The blue-black fruit is fine for juice or jelly. It is an early bearer.
- F-90 ↘ **Fredonia** — An early black grape. Very productive. Similar to Concord.
- F-91 ↘ **Blue Jay** — A new Minnesota introduction. Very hardy. Blue-black berries of medium to large size. Good for juice and jelly, but defective pollen.
- F-92 ↘ **Red Amber** — A new Minnesota introduction. Very good for cooking and eating fresh.
- F-93 ↘ **Moore's Early** — Similar to Concord but fewer and more open clusters and larger fruit.
- F-94 ↘ **Moonbeam** — A White grape with a mild, sweet flavor. Fruit is large.
- F-95 ↘ **Concord** — Most popular and widely grown grape. Fruit is blue-black, sweet and borne in large clusters. Sometimes fails to ripen in Minnesota.

MISCELLANEOUS GARDEN ROOT CROPS
ASPARAGUS

12	25	50
\$2.50	\$5.00	\$9.50

- F-96 **Washington** — Large, crisp, tender stalks. Mild flavor. A strong, vigorous grower. Of large green quality.

RHUBARB

- F-97 **McDonald** — A good heavy producer, red, very sweet.
\$1.25 each \$6.00 for 5
- F-98 **Canada Red** — A new brilliant red, sweet variety.
\$1.50 each \$7.00 for 5
- F-99 **Valentine Red** — The best.
\$2.00 each \$9.50 for 5

HORSE RADISH

- F-100 **Kerchoo!**
\$.50 per root \$2.25 for 5 \$4.25 for 10

VINES AND GROUND COVERS

Vines contribute greatly to the beauty of a landscape planting. Their foliage creates a softening effect to harsh building lines. They serve as screens, cover bare walls and create shade. The masses of bloom borne on flowering vines are unexcelled in beauty.

(T) clings to wood or wire trellis. (M) clings to masonry.

Bin No.

- V-1 Bittersweet (*Celastrus scandens*) (T)—A hardy vine which has glossy green leaves. Bears yellow flowers. In fall there are red-orange berries. Popular for cutting and hanging in the home.
\$1.50 each \$3 for \$3.75 6 for \$6.00

CLEMATIS

Our clematis are 2-yr. old, potted vines, simplifying getting the plant established.

Clematis must be planted in a well drained soil with sunny location. Use a wood trellis for their climbing support, two inches away from the wall. When the desired location has been chosen, dig a hole eighteen inches deep and one foot wide. This hole should be two-thirds filled with good rich soil. Remove the Clematis carefully from the pots so the roots are not disturbed from their present condition. Do not spread these roots but place ball of earth intact into the hole, deep enough so the first eye is below the surface of the ground. Fill remainder of hole with rich soil, firm and water.

Clematis must not be over watered. A thorough watering once a week will be sufficient. In very hot weather Clematis roots desire to be cool. This can be accomplished by placing a mulch of peat moss or dried grass clippings over the top of the soil around the plant.

- V-2 Clematis, Jackmani (T) — Has masses of large purple flowers. Very popular for planting on a trellis. A summer bloomer, long lasting.
\$2.50 each 3 for \$7.25
- V-3 Clematis, Madam Edward Andre (T) — Blooms profusely with crimson red flowers.
\$2.50 each 3 for \$7.25
- V-4 Clematis, Henryi (T) — Unusually large white flowers in June.
\$2.50 each 3 for \$7.25
Popular Clematis group, one each of Jackmani, Madam Ed. Andre and Henryi—\$7.25.
- V-5 Clematis, Crimson Star (T) — Huge crimson blossoms, silver starred center, Prolific — Our best Clematis.....\$3.00 each
- V-6 Honeysuckle, Gold Glame (T) — (Summer King) (*Heckrotti*) — Large fragrant flame red trumpets lined with gold blooming all summer and autumn. Blossoms first year, leaves hold green color long after frost — semi-evergreen. 15 feet.
\$2.00 each 3 for \$5.75 6 for \$11.00
- V-7 Honeysuckle Scarlet Trumpet (T) (*Sempervirens*) 20-30 ft. — Upright grower, dark green foliage, long tubular scarlet flowers. Excellent ground cover.
\$1.50 each 3 for \$4.25 6 for \$8.25
- V-8 Ivy, Boston (*Ampelopsis veitchi*) 10-20 ft. (M) — Foliage is red and gold in the autumn. Will cling to any rough surface such as brick, stone or concrete without support. It is not a vigorous grower and seeks shady corners. \$2.00 each
- V-9 Ivy, Engelmann Creeper 30-40 ft. (M) — Smaller leaf than Virginia Creeper, better autumn coloring.....\$1.50 each
- V-10 Evergreen Bittersweet (*Euonymus Radicans*)—A slow growing climbing evergreen vine which can be used as ground cover bush or a vine. Leathery shining deep green small evergreen leaves, often classed as broadleaf evergreen. Requires winter protection. Not recommended for Minnesota. Orange red berries in fall and winter.
\$3.00 each.
- V-11 Silver Lace Vine (T) — Very fast growing vine with feathery delicate foliage and quantities of silver flames in hanging panicles in mid-summer. 20 feet. Not hardy but planted for quick immediate cover. Cut off in fall to 12" and cover with marsh hay. No warranty.
\$2.00 each

ROSES

Our Roses are strong, 2-year plants grown outdoors (not in greenhouses) and are well-rooted, hardy, first-class stock. They are more valuable than Roses sent out by many mail-order houses and sold at low prices by department stores, dime stores, etc. Do not plant Roses in shaded areas. Do plant in rich soil, we recommend 1/2 well-rotted cow manure and 1/2 black dirt.

STANDARD VARIETIES

Each \$2.60 3 for \$7.50 6 for \$13.50 12 for \$25.00

We Recommend These Varieties:

HARDY RUGOSA ROSES 4 FT. (B) (C)

Rugosa Roses are the most hardy and disease resistant. Even in North Dakota they require no winter protection. They blossom throughout the entire summer and have shiny, leathery, dark green foliage. Use them for foundation or border plantings — or beautiful hedges. Plant them as a background for more tender Roses, but don't mix them, because the Rugosa Rose is much larger and bushier.

- R-1 F. J. Grootendorst — The Carnation Rose. Small, bright, red, fringed flowers in large clusters. Everblooming.
- R-2 Pink Grootendorst — Double flowers of clear pink instead of red.
- R-3 Hansa — Double, violet-red flowers of large size. Hardy and dependable, one of the best for hedges.
- R-4 Sir Thomas Lipton — Snowy white, double flowers of unusual quality and size. Best white Hybrid Rugosa.
- R-5 Amelie Gravereaux — Beautiful, purple-red, perpetual-blooming Rugosa. Large flower, almost full.
- R-6 Conrad F. Meyer — Pure silvery pink, surpassing all others of the Rugosa family in beauty of color and fullness of form. Fragrant and hardy, will not mildew or blackspot. Handsome in foliage and valuable as an ornamental shrub.
- R-7 Belle Poitevine — Everblooming Rugosa, clear pink, huge and double, sweetly scented from June until frost.

Rugosa Rose Collection: One of each illustrated.

6 Roses\$13.50

HYBRID PERPETUAL ROSES (B)

The Hybrid Perpetual Roses are long stemmed Roses, more hardy than most Hybrid Teas, however, they do not bloom as profusely as Floribunda or Tea Roses. These varieties have been tested for years. It has been found that with moderate protection they withstand severe winter climates.

- R-8 Frau Karl Druschki — (White American Beauty). A Rose superb in every way. Ideal hardy white, pure in color, perfect in form, strong growing and free flowering. Good stems, excellent for cutting.
- R-9 General Jacqueminot — Brilliant scarlet-crimson, large and full, very fragrant. A favorite since 1853.
- R-10 Gruss an Teplitz — Vivid crimson, sweetly fragrant. Produces several blossoms on each long stem.
- R-11 Paul Neyron — One of the largest of all Roses. Very double and full, bright shining clear pink. Stems are almost thornless.
- R-12 Harrison's Yellow — Bright yellow, open, semi-double, fragrant flowers borne during most of June on long stems.
- R-13 Red Radiance — One of America's favorite reds. Vigorous growing, hardy and free blooming. Very fragrant.

Perpetual Rose Collection: One of each of the 6 above (illustrated).

6 Roses\$13.50

ROSES—Cont'd.

FLORIBUNDA ROSES (A)

Floribundas give more color, more continuous bloom than any other plant! Floribunda Roses are particularly adapted to northern climates. They blossom continuously from June till frost but require mounding up with soil for general winter protection. They are short stemmed and low growing but have huge sprays of blooms. Plant them in groups of the same variety, 18 inches apart, in your flower borders, for edging walks, low hedges, among evergreens, in window and planting boxes, etc. They are our most popular item, and biggest seller.

STANDARD COLORS

R-14	RED	}	Each	\$2.60
R-15	PINK		3 for	\$7.50
R-16	YELLOW		6 for	\$13.50
R-17	WHITE		12 for	\$25.00

DWARF BABY RAMBLER BUSH ROSES HAVE BEEN**DISCONTINUED AS FLORIBUNDA ROSES****SURPASS THEM IN QUALITY.**

MULTIFLORA ROSE — See Hedges, page 27.

HEDGE ROSES — See Hedges, page 27.

CLIMBING ROSES (B)

\$2.60 each \$7.50 for 3

In our climate, Climbing Roses require winter protection over the roots. The canes should be taken down from the trellis and wrapped. Climbing Roses bloom the second year after planting.

- R-18 **Blaze** — Acclaimed as the only hardy ever-blooming scarlet climber. Blaze combines the vigor, beauty, and hardiness of Paul's Scarlet Climber with everblooming qualities.
- R-19 **Paul's Scarlet Climber** — The scarlet-red, semi-double flowers are freely produced in clusters of 3 to 10. A strong grower; very hardy. Canes are flexible and easily tied to a fence, pergola or post. A more gorgeous mass of spring color is hard to find.
- R-20 **Crimson Rambler** — Very hardy Climbing Rose, producing vivid crimson blossoms until late in the season.
- R-21 **Pink Dorothy Perkins** — Beautiful shell-pink color.
- R-22 **Climbing American Beauty** — Rich red, delicately veined and shaded. Old-time favorite.
- 1 - \$2.60 Climbing Roses and Fan Shaped Trellis, Special at.....\$3.95

PATENTED FLORIBUNDA ROSES (A)

2 Year Heavy, Extra Select.

Each \$3.25 Asst. Dozen \$37.75

Short Stems — Constant Blooms

Bin. No.

RED VARIETIES

- R-23 **Donald Prior** — Sparkling red, very large, semi-double blooms. Its rugged growth and vivid color make a strong accent in the garden. (Pat. 377.)
- R-24 **Red Pinocchio** — Combines the best qualities of Pinocchio and Donald Prior. The 3½-inch, delightfully fragrant Roses are borne in large, long-lasting, unfading clusters. A rich carmine, which deepens and acquires a velvety cast. (Pat. 812.)
- R-25 **Floradora** — A cinnabar-red or orange-scarlet Rose. One of the most attractive colors, with 6 to 12 buds per spray, good for cutting or corsages. It opens to a 2-inch flower resembling a camellia. An A.A.R.S. Winner.

PINK VARIETIES

- R-26 **Pink Bountiful** — Lusty, soft pink flowers with dawn-like glow, in long-lasting clusters all summer. A miniature Hybrid Tea Rose 3 inches in diameter. A nutty fragrance adds to its charm. (Pat. 601.)

Lucky Seven Patented Floribunda Rose Group. 7 Roses\$22.75

(These are the Floribunda Roses illustrated in lower left-hand corner of double page spread.)

FLORIBUNDA ROSES—Cont'd.

Bin No.

- R-27 **Betty Prior** — One of the most persistent bloomers, of delicate pink color. All through the summer the blooms resemble the red dogwood of the South and never fail to keep color and attract interest. The buds are lively red, opening shell-pink, having 5 petals that resemble dogwood in shape, size and color. Height 3 to 4 feet. Unequaled in beds, borders, hedges, groups and large plantings. (Pat. 340.)
- F-28 **Pinocchio** — Sprays of winsome buds, rich salmon flushed with gold, open slowly to double, attractively formed blooms, 1½ inches across. As the "Sweetheart" flowers open, they gradually change to soft clear pink. (Pat. 484.)
- R-29 **Fashion** — Finest of all Floribundas. Fashion has won more honors than any other Floribunda for form, color, fragrance, disease resistance and all other important qualities. As the flower opens, it becomes luminous coral-pink overlaid with gold, displaying graceful wavy petals and rich golden yellow stamens. Delicate fragrance. Excellent for cutting in bud form; up to 3½ inches across when open. An A.A.R.S. Winner. (Pat. 789.)

YELLOW VARIETIES

- R-30 **Goldilocks** — Rich golden yellow. Lovely buds open to very double blooms up to 3 inches across, on spreading, bushy plants 2½ feet high. Abundant blooms. Makes a striking display, showy even from a distance. The best yellow Floribunda. (Pat. 672.)
- R-31 **Yellow Pinocchio** — Another carefree Pinocchio Rose but apricot-yellow in color. Masses of blooms. About 2½ feet tall; sturdy, healthy and free flowering. (Pat. 992.)
- R-32 **Gruss an Aachen** — Yellowish rose with salmon-pink and red shading. A very strong and hardy plant, which has been a favorite for 25 years. Heavy blooming.

WHITE VARIETIES

- R-33 **White Pinocchio** — A glistening white Pinocchio with flowers about 2½ inches in diameter and fully double, usually borne in large clusters of 30 or more. Rich dark foliage. (Pat. 1010.)

PATENTED HYBRID TEA ROSES (B)

All American Hybrid Tea Rose Group. 7 Roses \$22.75
(These are the illustrated roses in the upper left-hand corner of the double page spread.)

From the hundreds of Hybrid Tea Roses we have selected those considered most hardy for our climate—yet none survive without adequate winter protection. They all bloom heavily the first year, and by autumn you'll agree they are worth spraying regularly in summer and protecting over winter. All have long stems for cutting.

BICOLORED VARIETIES

Bin No.

- R-34 **Forty-niner** — Most brilliant of all bicolors. Dazzling chrome-yellow on the outside of the petals; vivid Orient-red changing to cherry-red on the inside. Colors contrast vividly. The vigorous plant is tall and upright, and the stems are long, straight and sturdy, with few thorns. A.A.R.S. Winner for 1949. (Pat. 792.)
- R-35 **Shades of Autumn** — An outstanding bicolor similar to Forty-niner but more open. Very popular in Minnesota. (Pat. 542.)

TEA ROSES—Cont'd.

2 Year Heavy, Extra Select.
 Each \$3.25 Asst. Dozen \$37.75

Bin No.

- R-36 **Talisman** — The most gorgeous assemblage of colors ever presented in a Rose. The colors are mostly gold, apricot-yellow, blood-orange, deep pink and old-rose. The bud is long and shapely.

RED VARIETIES

- R-37 **Crimson Glory** — The beautiful, flaring, urn-shaped buds open into wonderful flowers of velvety crimson with black and maroon shadings. One of the ten most popular Roses in America and voted the most fragrant by the American Rose Society.
- R-38 **Charlotte Armstrong** — Winner of the sole 1941 All-America Award. This and Peace are the most popular Roses the country over. Its long, slender, cerise buds and magnificent open flowers are favorites in thousands of gardens. (Pat. 455.)
- R-39 **Mirandy** — Features big ovoid buds of deep red. The flower displays new beauties of form as the petals unfold, eventually becoming a huge full bloom of 50 petals of dark glowing red, with full-bodied fragrance. Plants medium in height, vigorous and free branching. A.A.R.S. Winner, 1945. (Pat. 632.)
- R-40 **Nocturne** — Dark red with maroon shadings. The buds are long and gracefully shaped. Produces many flowers. The stems are long; the foliage large and luxuriant. A.A.R.S. Winner, 1948. (Pat. 713.)
- R-41 **Rose of Freedom** — Tall plant abundantly covered with big, broad leaves so thickly clustered that you can hardly see the canes. The big, ovoid buds are a rich cardinal-red, opening into a large, rather flat, fully double bloom of rose-red. (Pat. 791.)

ROSE, PINK AND SALMON VARIETIES

- R-42 **Capistrano** — Big pink Rose, the All-America Selection for 1950. Beautifully formed buds in a sparkling shade of clear rose-pink, with long, heavy, straight stems and large, leathery foliage. (Pat. 922.)
- R-43 **Mission Bells** — The pointed, well-shaped buds of this All-America Award Winner for 1950 are a deep-glowing salmon-pink, opening to full high-centered flowers of clear shrimp pink. Richly fragrant, the flowers are medium to large in size. The vigorous plant will grow quite tall in your garden and will nearly always be in bloom. (Pat. 923.)
- R-44 **Helen Traubel** — 1952 All-America Rose Winner. A flower sometimes 6 inches across with 27 petals. Long stemmed; light pink to luminous apricot. Fully formed buds. (Pat. 1028.)
- R-45 **Pink Princess** — Deep pink. Famous as the first Hybrid Tea free from premature defoliation. Very double. (Pat. 459.)
- R-46 **Tallyho** — The face of the petals is a delightful shade of old-rose, but the reverse is brilliant cardinal-red. Tallyho features huge flowers of beautiful form, a plant of great vigor, and last but not least, a rich spicy fragrance. A.A.R.S. Winner, 1949. (Pat. 828.)
- R-47 **The Doctor** — Pink blooms 5 to 6 inches across. Says the American Rose Annual: "One of the largest of all Roses, one of the most beautiful, and one of the sweetest."

TEA ROSES—Cont'd.

Bin No.

- R-48 **Katherine T. Marshall** — A pink of rare beauty and form. A.A.R.S. Award, 1944. It is a clean, sparkling, warm pink of vigorous growth with large, open, friendly blooms. Frequently individual flowers are more than 5 inches across, but the petals are so heavy and sun resistant that they stand up well under all conditions. Very bushy and strong grower, it is a particularly tall, striking plant in keeping with the large, warm pink flowers. Exceptionally good for cutting. (Pat. 607.)
- R-49 **Diamond Jubilee** — A.A.R.S., 1948. One of the longest lasting of Hybrid Tea Roses. The warm, glowing buff-orange blooms open slowly. (Pat. 824.)

YELLOW VARIETIES

- R-50 **Soeur Therese** — Buttercup-yellow. An astonishing Rose with buds in candelabras, each with its own cutting stem.
- R-51 **Lowell Thomas** — A.A.R.S., 1944. One of the finest of all yellow Roses. The big, robust, tall plant flowers freely, and every bloom is borne on a heavy, stout stem. (Pat. 595.)
- R-52 **Mme. Chiang Kai-shek** — The top All-America Winner for 1944, and unquestionably one of the finest light yellow Roses of all time. Great long buds of primrose-yellow open into huge flowers of light creamy ivory. (Pat. 664.)
- R-53 **Peace** — This All-America Winner for 1946 is one of the most beautiful of all Roses and has probably won more prizes in shows than any other Rose in existence. Lovely shades of gold, cream and pink. The perfect, 5 to 6-inch bloom takes your breath away. Very vigorous and hardy. (Pat. 591.)
- R-54 **Sutter's Gold** — This 1950 All-America Winner has long, bright yellow buds shaded red and orange. It is the most fragrant of all yellow Roses. (Pat. 885.)
- R-55 **V for Victory** — Beautiful, large, very double, yellow, constantly blooming Rose. Very popular in Minnesota. (Pat. 543.)

PATENTED HYBRID TEA CLIMBING ROSES (B)

\$3.25 Each

\$37.75 Dozen

- R-56 **Climbing Night** — A big, vigorous plant covered with exquisite deep red buds and large, velvety-textured, crimson flowers, shaded black and maroon. Cinnamon-clove fragrance will scent your entire garden. (Pat. 439.)
- R-57 **Dr. J. H. Nicolas** — Repeat blooms all during the season. It has richly fragrant, double, rose-pink blooms 6 inches and more across. Extremely hardy and vigorous. (Pat. 457.)
- R-58 **High Noon** — Buds of intense, shining yellow. Makes a perfect 8 to 10-foot pillar against a wall or trellis where its blooms and glossy foliage show off. From early spring until late fall you can cut beautiful, long-stemmed Roses. A.A.R.S., 1948. (Pat. 704.)
- R-59 **Climbing Peace** — This new climbing sport has the same foliage, stems and perfectly formed flowers which have made Peace a top favorite. The deep yellow buds slowly open to glorious 5-inch blooms in shades of canary-yellow, pale gold, cream, pearly white, and apple-blossom pink. (Pat. 932.)

NOTE: "A.A.R.S. Award Winner" indicates one of the Roses selected by All-American Rose Society as one of the 10 best for the year.

ORNAMENTAL SHRUBS

An important item in any landscape planting is the shrub. It may be used because of its decorative flower, colorful foliage, its brilliant berry or to add beauty with its colored branches in winter when all else is dormant. The dwarf and medium height shrubs are suitable for use as foundation plants and always add a softening touch to harsh building lines. The taller shrubs are best suited for use in the border plantings where they serve as a colorful screen or background for the flower garden. Many are used as specimen plants in the lawn or on corners.

Dwarf or Low Growing Shrubs (3 ft. or less)

S-7	Barberry Thunbergi	S-61	Chenault's Coralberry
S-8	Barberry, Red Leaved	S-63	Spirea, Anthony Waterer
S-9	Truedge Columberry	S-64	Spirea, Frobel
S-15	Caragana Pygmae	S-66	Spirea, Blue
S-34	Japanese Quince	S-74	Willow, Dwarf Blue Leaf
R	Floribunda and Tea Roses	S-75	Lodense Privet
S-55	Potentilla		

Medium Tall Shrubs (4 - 6 ft.)

S-1	Almond, Pink Flowering	S-47	Lemoine Mockorange
S-11	Butterfly Bush	S-50	Ninebark, Dwarf
F-36	Hansen's Bush Cherry	S-51	Ninebark, Golden
F-39	Korean Cherry	S-54	Purple Leaf Cherry
S-16	Cotoneaster	S-56	Golden Privet
S-17	Alpine Currant	S-59	Snowberry, White
S-18	Yellow Flowering Currant	S-60	Snowberry, Red
S-23	Deutzia, Lemoine	S-62	Ural False Spirea
S-25	Euonymus, Alatus	S-65	Spirea Billard
S-27	Honeysuckle, Morrowi	S-67	Spirea Thunbergi
S-31	Hydrangea, A.G.	S-68	Spirea, Bridal Wreath
S-32	Hydrangea, P.G.	S-69	Spirea, Garland
S-37	Persian Lilac	S-72	Weigelia, Eva Rathke
R	Rugosa Roses	S-73	Weigelia Varigated
S-46	Golden Mockorange		

Tall Growing Shrubs (Over 6 ft.)

S-2	Altheas	S-30	Honeysuckle, Zabeli
S-6	Arrowwood	S-31	Hydrangea, Tree Form
S-10	Blackhaw	S-35	Lilacs (except Persian)
S-14	Caragana Arborescens	S-44	Amur Maple
F-42	Nanking Cherry	S-48	Mockorange, Minnesota
S-19	Cranberry, European High Bush		Snowflake
S-20	Dogwood, Golden Twig	S-49	Mockorange, Virginal
S-21	Dogwood, Red Twig	S-52	Prunus Triloba
S-22	Dogwood, Varigated	S-57	Russian Olive
S-24	Elder, Golden	S-58	Snowball
S-26	Forsythia	S-70	Tamarix
S-28	Honeysuckle, White Belle	S-71	Wayfaring Shrub
S-29	Honeysuckle, Tatarian		

Shrubs for Shaded Areas

S-17	Alpine Currant	S-20	Dogwood, Golden Twig
S-6	Arrowwood	S-21	Dogwood, Red Twig
S-7	Barberry Thunbergi	S-22	Dogwood, Varigated
S-10	Blackhaw	S-24	Elder, Golden
S-61	Coralberry	S-31	Hydrangea, A. G.
S-16	Cotoneaster	S-50	Ninebark
S-18	Currant, Yellow Flowering	S-59	Snowberry
S-19	Cranberry, Highbush	S-70	Tamarix
S-23	Deutzia, Lemoine	S-74	Willow, Dwarf Blue Leaf

Please Note: The figures following the shrub's name denote its approximate, ultimate height, and the Initial after the height refers to its ultimate width and is referenced to our landscape template. See page 22.

ORNAMENTAL & FLOWERING SHRUBS

Bin No.

- S-1 **Almond, Pink Flowering** (*Prunus glandulosa*) 5-6 ft. (B)
A narrow leaved shrub of medium height covered with masses of double pink blossoms in late April or early May.
18-24"\$2.25 each 2-3'\$2.75 each
- ***Althea**, (*Hibiscus Syriacus*) 10-12 ft. (D)
Upright shrub blooming in August and September. Not hardy in Minnesota and Northern Iowa.
18-24"\$1.25 each 2-3'\$1.50 each
- S-2 **Pink**
S-3 **Purple**
S-4 **Red**
S-5 **White**
- S-6 **Arrowwood** (*Viburnum Dentatum*) 8 ft. (D)
Glossy green foliage, flat clusters of white flowers in May followed by bluish-black fruit. Will tolerate some shade. Foliage turns to shades of red and purple in autumn.
18-24"\$2.00 each 2-3'\$2.50 each
- S-7 **Barberry, Thunbergi** (*Berberis thunbergi*) 3-4 ft. (A)
Compact thorny shrub. Foliage scarlet in autumn. Has red berries well into winter. Excellent protection for lawns and gardens from dogs and pedestrians. Does well under adverse conditions.
12-18"\$1.25 each 18-24"\$1.50 each 2-3'\$2.00 each
- S-8 **Barberry, Red Leaved** (*Berberis atropurpurea*) 3-4 ft. (A)
A valuable shrub to use for color variety. Foliage is red all season. Red berries in fall. Not hardy north of Minneapolis.
12-15"\$1.75 each 15-18"\$2.25 each
- S-9 **Tru hedge Columnberry** (*Berberis Thunbergi erecta*) 3-4 ft. (A)
Upright form of Thunbergi Barberry, not hardy north of Minneapolis.
12-15"\$1.50 each 15-18"\$1.75 each
- Buckthorn** (SH-77) See Hedging. Page 26.
- S-10 **Black Haw** (*Viburnum Prunifolium*) 15 ft. (E)
Shrub or small tree with spreading branches, flowers pure white in May. Shining green leaves, large blue-black fruit, magnificent autumn color. Ideal for screen or hedge. (Similar to *Viburnum Lentago* - Nannyberry.)
18-24"\$2.25 each 2-3'\$2.75 each
- Butterfly Bush** (*Buddleia*) 4-5 ft. (D)
Blooms from July to frost with flowers resembling lilacs in form and color. Very fragrant. Requires winter protection.
- S-11 **Burgundy Butterfly Bush**
16-18" trusses. Wine-red color, a brilliant color, excellent for cutting. No. 1\$2.00 each
- S-12 **Empire Blue Butterfly Bush.** (Pat. No. 557—An Aster blue.
No. 1\$2.00 each
- S-13 **Pink Down Butterfly Bush.**
Deep dark green foliage. Best pink available. No. 1\$2.00 each
- S-14 **Caragana Arborescens** (*Siberian peashrub*) 12-15 ft. (E)
A very hardy shrub, covered in May with showy yellow flowers followed by long seed pods. Excellent for dry areas.
18-24"\$1.00 each 2-3'\$1.50 each
- S-15 **Caragana Pygmaea** (*Pygmy Caragana*) 3 ft. (A)
Small spreading shrub with fine textured foliage. Small yellow flowers in June. Excellent, low drought resistant shrub and hardy everywhere.
15-18"\$1.50 each 18-24"\$2.00 each

SHRUBS—Cont'd.

The following six shrubs blossom with white flowers in early May followed by attractive red big cherries in August. Leaves turn red in fall. They have attractive shiny narrow leaves and are double feature or "bargain shrubs," ideal for low foundation plantings or facing tall leggy shrubs. Also see descriptions on Page 6.

18-24"\$2.50 each 2-3'\$3.00 each

Hansen's Bush Cherry (*Prunus Besseyi*) 5 ft. (D)

Bin No.

F-36	Black Beauty Bush Cherry	} Plant All Three For Pollination.
F-37	Brooks Bush Cherry	
F-38	Sioux Bush Cherry	

Cherry Korean (*Prunus Japonica*) 4 ft. (D)

F-39	Minnesota No. 20	} Plant All Three For Pollination.
F-40	Minnesota No. 57	
F-41	Minnesota No. 60	

F-42 Cherry Nanking. (*Prunus Tomentosa*) 10 ft. (F)

Large compact shrub or small ornamental tree. Early pink flowers. Sweet fruit ripens in July. Protect from birds with cheesecloth. A true dwarf sweet cherry. Very hardy. Like Korean cherry, University of Minnesota introduction.

2-3'\$2.50 each 3-4'\$3.00 each

Cherry, Purple Leaf (*Cistena*)

See Page 21 Purple Leaf Plum, Shrub Form. S-54.

Coralberry— See Snowberry, Red Page 24 S-60

S-16 Cotoneaster (*Cotoneaster acutifolia*) 5-6 ft. (C)

An attractive shrub with glossy green leaves. Grows well in partial shade. Colors red beautifully in fall. Pink flowers in spring followed by black berries. Widely used in hedge and foundation. Very hardy.

18-24"\$1.50 each 2-3'\$2.00 each 3-4'\$2.50 each

S-17 Currant, Alpine (*Ribes Alpinum*) Alpine Shrub 4 ft. (A)

The best low shrub with fine textured foliage, used for foundation plantings and hedges. Growth is during early cool weather hence holds shape well all summer. Can be trimmed to any shape and height up to four feet.

12-18"\$1.75 each 18-24"\$2.25 each

S-18 Currant, Yellow Flowering or Clove Currant 6 ft. (D)

Upright spreading shrub, fragrant yellow blossoms. Shiny green leaves turn scarlet in fall.

18-24"\$1.50 each 2-3'\$2.00 each

S-19 Cranberry, European High Bush (*Viburnum opulus*) 7-8 ft. (E)

Clusters of white flowers in spring followed by scarlet berries which remain until late fall. Will withstand shade.

18-24"\$2.00 each 2-3'\$2.50 each

S-34 Cydonia Japonica (See Japanese Quince) Page 20.

S-20 Dogwood, Goldentwig (*Cornus stolonifera flaviramea*) 6-8 ft. (D)

This plant is very attractive with its yellow branches and green leaves. In spring small white flowers appear followed by white berries. Will stand shade.

18-24"\$1.50 each 2-3'\$2.00 each

S-21 Dogwood, Redtwig (*Cornus sibirica*) 6-8 ft. (D)

Coral red stems are attractive in winter. White blossoms appear in clusters during June followed by clusters of white berries. Shade loving.

18-24"\$1.50 each 2-3'\$2.00 each

SHRUBS—Cont'd.

Bin No.

- S-22 Dogwood, Varigated (*Cornus alba argenteo marginata*) 6-8 ft. (D)
 Deep coral red branches in winter and leaves bordered with creamy white in summer. White flowers in spring precede clusters of white berries. Will withstand considerable shade.
 18-24"\$3.00 each 2-3'\$4.00 each
- S-23 Deutzia, Lemoine 4 ft. (C)
 Has double white flowers tinged with pink which are produced in May and June. The shrub is symmetrical in growth. Not hardy in Minnesota.
 12-18"\$1.75 each 18-24"\$2.25 each
- S-24 Elder, Golden (*Sambucus canadensis aurea*) 8 ft. (E)
 A good shrub with white flowers and yellow foliage. Flowers appear in flat-topped clusters in late June. Use in full sun for best results.
 18-24"\$2.00 each 2-3'\$2.50 each

Bin No.

- S-25 Euonymus, (*Alatus Compactus*) Dwarf Winged Euonymus 4 ft. (C)
 Corky wings on the twigs give this shrub winter value. Dark green leaves turn rose red in fall. Perhaps the most useful and colorful shrub for either border or specimen plantings. Unusual and choice.
 18-24"\$4.50 each
- S-26 *Forsythia, Spring Glory 8 ft. (D)
 Bears large golden yellow flowers in early April before the leaves appear. The arching branches are very graceful and give a good contrast among upright growing shrubs. Plant only in well protected places. Not hardy in Minnesota.
 18-24"\$2.00 each 2-3'\$2.50 each
- S-27 Honeysuckle, Morrowi (*Lonicera Morrowi*) 6 ft. (D)
 Wide spreading, mound shaped dwarf form of Honeysuckle shrub. White flowers changing to yellow in May. Showy red fruit in June and July. Very hardy.
 18-24"\$2.00 each 2-3'\$2.25 each
- S-28 Honeysuckle, White Belle (*Lonicera Belle Albida*) 10 ft. (D)
 A cross between Morrowi and Tatarian. Dense on bottom.
 18-24"\$1.75 each 2-3'\$2.25 each
- S-29 Honeysuckle, Tatarian (*Lonicera Tatarica*) 8-10 ft. (D)
 A good shrub for screening effect. Pink flowers in May and June followed by red fruit. Suitable for tall hedges.
 18-24"\$1.75 each 2-3'\$2.25 each
- S-30 Honeysuckle, Zabel's (*Lonicera kololkowi zabelli*) 8-10 ft. (D)
 An improved strain of red flowering Honeysuckle.
 18-24"\$1.75 each 2-3'\$2.25 each
- S-31 Hydrangea, A. G. (*Aborecens grandiflora*) Snowhill 5-6 ft. (C)
 Valuable for foundation plantings or in shrub borders. It blooms during June and July with large white flowers which later turn green. Will do well in shade.
 18-24"\$2.00 each 2-3'\$2.50 each
- S-32 Hydrangea, P. G. (*Paniculata grandiflora*) 6 ft. (C)
 The cone shaped clusters of flowers appear in July and last till frost. Flowers are white turning to pink as they age.
 18-24"\$2.00 each 2-3'\$2.50 each
- S-33 Hydrangea, Tree Form. 7 ft. (D)
 Same as Hydrangea, P.G. except for habit of growth. This grows as a dwarf tree. It makes an especially attractive lawn specimen.
 2-3'\$5.00 each 3-4'\$6.00 each

SHRUBS—Cont'd.

Bin No.

- S-34 **Japanese Quince** (*Cydonia japonica*) 3 ft. (C)
A low growing bush bearing large red flowers that come before the leaves. Requires protection in Minnesota.
18-24" \$2.00 each 2-3' \$2.50 each

LILACS

- S-35 **Lilac, Common Purple** (*Syringa vulgaris*)
Improved Cashman Strain 10-15 ft. (E)
A very hardy shrub that can be grown in almost any soil and location. It can be readily trimmed to maintain desired height. It bears large, fragrant, single blooms in May. Good as hedge or background planting. Blooms earlier than hybrid varieties.
18-24" \$1.25 each 2-3' \$2.00 each
- S-36 **Lilac, Common White** (*Syringa vulgaris alba*)
Improved Cashman Strain 10-15 ft. (E)
The same as common purple except for color.
18-24" \$1.25 each 2-3' \$2.00 each
- S-37 **Lilac, Persian** (*Syringa rothomagensis*) 5 ft. (E)
Blooms in May and June. Growth is smaller than common Lilac. Has graceful form with slender straight branches, narrow leaves and bright purple flowers. Does not sucker.
18-24" \$2.00 each 2-3' \$2.50 each
- Lilac, French Hybrid** 10 ft. (E)
This type of Lilac is superior to common varieties in that they bloom more consistently with a profusion of large flowers. They do not tend to sucker shoots from the base of the plant. They require rich soil and sometimes lime. We list the following varieties and sizes. Do not sell others.
18-24" \$3.00 each 2-3' \$4.00 each
- S-38 **Alfonse LaValle.** Large double blue flowers shading to lavender.
- S-39 **Marie Legraye.** Huge pure white flowers.
- S-40 **Charles Joly.** Large double spikes of crimson violet. Rich red purple.
Group of above three French Lilacs as illustrated on flyer.
18-24" \$8.75 for 3 asst. 2-3' \$11.50 for 3 asst.
- S-41 **President Grevy.** Double pale blue.
- S-42 **Ludwig Spaeth.** Always an attention-getter. Double dark red purple.
- S-43 **Madame Lemoine.** Dazzling white double spikes.
Special group of four French Lilacs as illustrated in plate book, Ludwig Spaeth, President Grevy, Madame Lemoine and Charles Joly.
18-24" \$11.50 for 4 2-3' \$15.50 for 4
- S-44 **Maple, Amur** (*Ginnala*) (*Acer tartaricum ginnala*) 15 ft. (E)
One of the most brilliant of all fall coloring shrubs. A tall tree-like shrub.
18-24" \$2.00 each 2-3' \$2.50 each
- S-45 **Mockorange** (*Philadelphus Coronarius*) 10 ft. (D)
Commonly called Syringa Mockorange or Sweet Mockorange. The old-fashioned kind.
18-24" \$1.75 each 2-3' \$2.25 each
- S-46 **Mockorange, Dwarf Golden** (*Philadelphus aurea*) 4-5' (C)
A good dwarf shrub for contrast because of its bright golden foliage. Fragrant white blossoms appear in May and June.
15-18" \$2.50 each 18-24" \$3.00 each
- S-47 **Mockorange, Lemoine** (*Philadelphus lemoinei*) 4-5 ft. (C)
A semi-dwarf shrub with attractive foliage, producing dense racemes of small fragrant white flowers.
18-24" \$2.00 each 2-3' \$2.50 each

SHRUBS—Cont'd.

Bin No.

- S-48 Mockorange, Minnesota Snowflake 6 ft. (D)
In June and July this new shrub is covered with many, fully double, very fragrant white flowers. Use in shrub border. (Pat.)
18-24"\$2.75 2-3'\$3.25
- S-49 Mockorange, Virginal (*Philadelphus virginialis*) 8 ft. (D)
Large, semi-double fragrant flowers produced in June and sometimes again in summer.
18-24"\$2.50 each 2-3'\$3.00 each
- S-50 Ninebark, Dwarf (*Physocarpus opulifolius nana*) 5-6 ft. (C)
Small white flowers in May and June followed by attractive red seed pods. The leaves take on a brilliant color in the fall. Good for hedge or foundation.
18-24"\$1.75 each 2-3'\$2.50 each
- S-51 Ninebark, Golden Leaf (*Physocarpus aureus*) 6 ft. (D)
An attractive plant with golden-green leaves. Used for color accent in the border.
18-24"\$1.75 each 2-3'\$2.50 each
- Prunus, Besseyi Prunus, Newport
See Cherry, Hansen Bush See Purple Leaf Plum
- Prunus, Cistena Prunus, Tomentosa
See Purple Leafed Cherry See Cherry, Nanking
- S-52 Prunus, Triloba (*Rose Tree of China*) 8-10 ft. (D)
The double pink, rose-like flowers bloom in profusion early in the spring before the leaves appear. Very effective as a specimen tree and in the shrub border.
2-3'\$3.50 each 3-4'\$4.00 each
- ↙ Purple Leaf Plum
A vigorous shrub of upright growth. Foliage is reddish purple with bright red tips. Small pink flowers in May. Select variety for height desired.
- S-53 ↙ Minnesota Purple Leaf Plum (*Prunus Newport*) 12-15 ft. (E)
Tree form. Very hardy.
- S-54 Purple Leaf Cherry (*Prunus Cistena*) 5-6 ft. (C) Shrub Form.
The most showy of the purple leaved shrubs. Used for accent in shrub border. Small single pink flowers in May. (Commonly known as Purple Leaf Plum, shrub form and shown in plate book as such.)
18-24"\$3.00 each 2-3'\$3.75 each
- S-55 *Potentilla (*Fruicosa*) (*Bush Cinquefoil*) 2-3 ft. (A)
A very showy shrub bearing an abundance of yellow, rose-shaped flowers beginning about July 1st and lasting till frost. Foliage of a pleasing gray-green color and finely textured.
15-18"\$2.00 each 18-24"\$2.50 each
- S-56 *Privet, Golden (*Ibota vicari*) 4-6 ft. (B)
A dense, low growing plant with a distinct yellow colored leaf. May be used as an individual shrub or in hedging. Similar plant cover to Golden Mockorange but finer leaf. Not hardy north of Minneapolis.
18-24"\$2.50 each
- S-75 *Privet, Lodense (*Ligustrum lodense*) 2-3 ft.
A very dense dwarf shrub. Holds leaves well into winter. Not proven hardy north of Minneapolis.
18-24"\$1.50 each

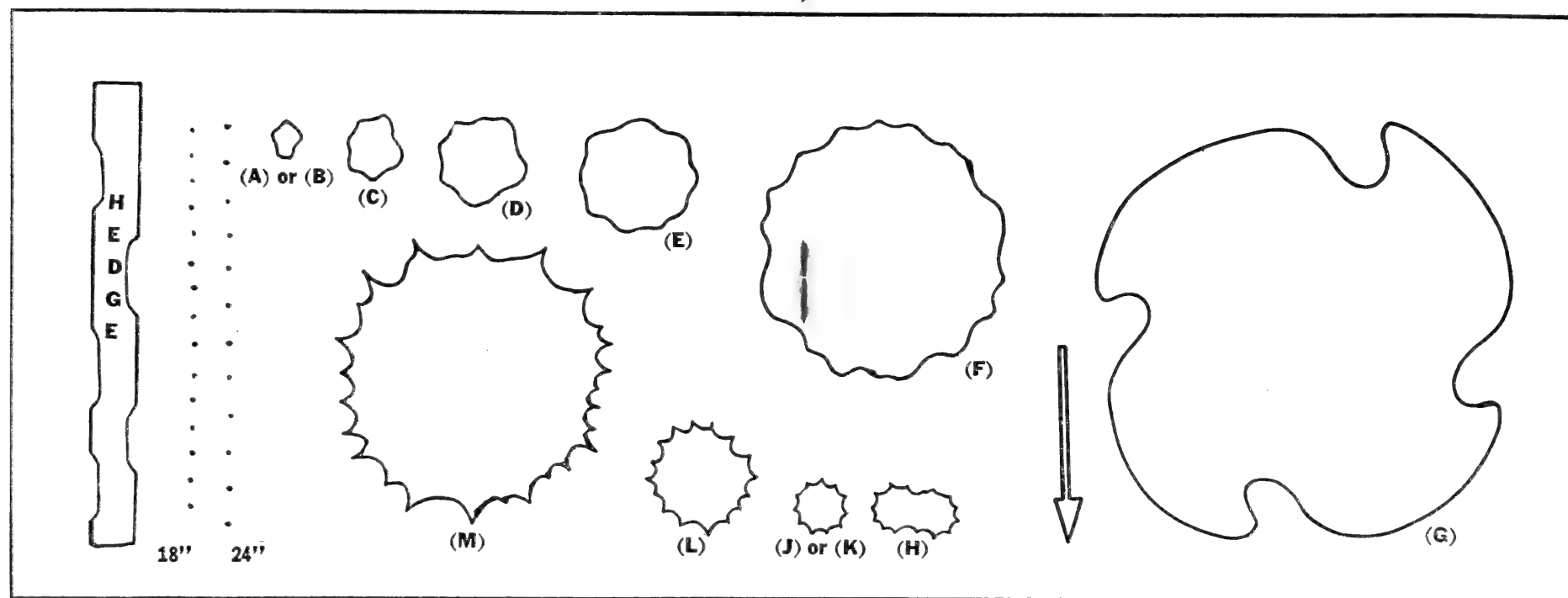
(Shrubs Continued on Page 24)

CASHMAN LANDSCAPE TEMPLATE FOR E-Z PLAN DRAWING

It is obvious you will sell more and sell better if you draw a plan. To make plan drawing easy, we have designed a plastic drawing template illustrated below.

The initials from (A) to (M) following the name of Trees and Shrubs in this Price List correspond with the designations on this illustration below. Thus automatically giving correct spacing and eliminates danger of overcrowd-

ing. Naturally all holes are approximations of mature development considering proper trimming. The template is for drawing in 8 feet to the inch scale (or $\frac{1}{8}" = 1$ foot). We supply drawing paper ruled in 8 squares to the inch to facilitate rapid work. We do not recommend drawings in other scales. Drawings of Shrubs and Trees are smooth in outline and Evergreens are drawn with sharp points.



(Cashman Landscape Template — Reduced In Size)

HEDGE—This is a section of hedge, 2 feet wide by 25 feet long. For added length slide template down and repeat.

18" HOLES—This series of holes are spaced on 18" centers to facilitate layout of perennials, or roses on 18" centers. To obtain 36" spacings for shrubs skip every other hole, for 4 1/2' spacing, skip every 2 holes.

24" HOLES—These holes permit the rapid spacing of plants on 2, 4 and 6' centers.

ARROW—The Arrow is used for showing North, which should appear on all plans. South and East exposures receive maximum sunlight and are best for most heavy blooming plants.

(A) **SHRUBS** have an average spread of 1 1/2' and are low growing dwarf plants or Floribunda Roses. Plant 1 1/2' to 2 1/2' apart. Safe under windows, or for facers.

(B) **SHRUBS** are medium height, spreading plants with an average spread of 2 - 2 1/2' feet.

(C) **SHRUBS** are medium height upright shrubs with an average spread of three feet. Plant 3-4' apart.

(D) **SHRUBS** are the larger upright shrubs. Ideal for corner plantings. They have an average spread of 5'.

(E) **SHRUBS** are the tall shrubs. Plant them 6-8' apart.

(F) **SHRUBS** are Flowering Trees and Fruit Trees which spread 10' to 20' in diameter (5' to 10' from the trunk each way). Our template shows an average of about 15' in diameter. You can plant shrubs and flowers under the spread of these small trees.

(G) **LARGE TREE**. Large Shade and Fruit Trees spread 20' to 40'. Our template outlines a 24' tree which is average. Plan on other shrubs and flowers under the tree as the template outlines the semi-mature size.

(H) **CREEPING, PROSTRATE AND MEDIUM LOW EVERGREENS** grow in an oval shape, approximately 3x5' to 4x8' at maturity.

(J) **ROUND LOW EVERGREENS** are shown as 3 feet diameter, although they can spread to 5 feet if not trimmed.

(K) **NARROW, UPRIGHT, COLUMNAR, OR PYRAMIDAL EVERGREENS** develop to 3 feet diameter and do best when kept trimmed to that size.

(L) **WIDER PYRAMIDAL EVERGREENS**—These Evergreens can be kept narrow or allowed, if fully developed, to spread out to a full bushy growth.

(M) **TREE-LIKE EVERGREENS**—This template outlines a fully mature Spruce, Pine, or Fir—Because the Evergreens grow slowly, this class is often drawn as (L).

SHRUBS—Cont'd.

Bin No.

- S-57 Russian Olive (*Elaeagnus angustifolia*) 20 ft. (E)
A large sized shrub with silvery appearing foliage. There are small fragrant yellow blossoms in June followed by silvery berries.
18-24"\$1.75 each 2-3'\$2.25 each
Siberian Peashrub—See Caragana S-14
- S-58 Snowball, Bush (*Viburnum opulus sterile*) 10 ft. (E)
Good for use in shrub borders. The flowers form snowball-like clusters. No fruits. Blooms early.
18-24"\$2.75 each 2-3'\$3.25 each
- S-59 Snowberry, White (*Symphoricarpos*) 5 ft. (C)
Excellent for planting in shady places. The pink colored flowers are followed by showy white berries which remain well into winter. Blooms in June-July.
18-24"\$1.50 each 2-3'\$2.00 each
- S-60 Snowberry, Red (Red Coralberry) (*Symphoricarpos orbiculatus*) 4 ft. (B)
Purplish-red berries appearing in clusters in late fall. Fine textured foliage. Good for foundation planting, endures shade.
18-24"\$1.50 each 2-3'\$2.00 each
- S-61 *Chenault's Red Improved Coralberry (*Symphoricarpos chenaultii*) 2 ft. (B)
A small compact shrub useful for foundation and border plantings. Small, pink flowers appear in mid-July. Fruits are red berries in compact clusters, effective in late fall. Not hardy north of Minneapolis.
15-18"\$1.50 each 18-24"\$2.00 each
- S-62 Spirea, Ash Leaved (Ural False Spirea) (*Sorbaria Sorbifolia*) 5' (D)
Fernlike leaves. Large fragrant spike flowers in June and July. Shade tolerant and suckering habit makes it ideal for use on steep banks and in dense shade. Very attractive.
18-24"\$1.75 each 2-3'\$2.25 each
- S-63 Spirea, Anthony Waterer (*Spiraea bumalda*) 2 ft.
Flat clusters of rosy crimson flowers from June to September. In summer the foilage is green, turning red in fall. Very good for foundation plantings or shrub borders. Semi-hardy.
12-15"\$1.75 each 15-18'\$2.25 each
- S-65 Spirea, Billiard (*Spiraea billardi*) 5-6 ft. (C)
Dense spikes of bright pink flowers in June and July. Useful in borders and on banks.
18-24"\$1.50 each 2-3'\$2.00 each
- S-66 *Spirea, Blue (*Caryopteris clandonensis*) 3 ft. Blue Mist (B)
Low spreading shrub with clusters of beautiful blue, fragrant flowers. Semi-hardy.
12-18"\$1.75 each
- S-68 Spirea, Bridal Wreath (*Spiraea vanhouttei*) 6 ft. (D)
A graceful shrub covered with small, pure white flowers in May. One of the most popular Spireas because it blooms profusely. Grows almost anywhere.
18-24"\$1.25 each 2-3'\$1.50 each
- S-64 Spirea, Frobeli 3 ft. (C)
Similar to Anthony Waterer Spirea except pink flowers May-June and slightly larger. Semi-hardy.
18-24"\$1.75 each 2-3'\$2.00 each
- S-69 Spirea, Garland (*Spiraea arguta*) 5-6' (C)
Has feathery foliage and slender arching branches covered with white blossoms in May. Earlier than Spirea Van Houttei.
18-24"\$1.75 each 2-3'\$2.25 each

Bin No.

- * Indicate items recently added.

ORNAMENTAL & FLOWERING HEDGES

A well chosen hedge can be an attraction as well as of utility. It is a living wall of green and can be used for a wide range of purposes. Whether it is kept clipped and formal or allowed to develop naturally, it adds greatly to the attractiveness of any landscape. Plant one foot apart for a dense hedge or 18 inches apart in two staggered rows for a full hedge. (Hedge stock is lighter grade than specimen shrub weight.)

Bin No.

SH-7 Barberry, Green Leaved (*Berberis thunbergii*)

Bright green leaves in summer, turning to red in autumn. Has red berries well into winter. The close twiggy branches make this a good hedging variety. Can be kept trimmed as low as 8 inches.

3-Yr. Plants	24 or less	50	100
15-18"	.55 each	\$24.75	\$45.00
18-24"	.75 each	33.00	60.00

SH-77 Buckthorn, Common (*Rhamnus cathartica*)

A very vigorous shrub that makes a good medium to tall hedge. It can be kept to a height of 3 to 8 feet by proper trimming. Dark green foliage.

	24 or less	50	100
12-18"	.35 each	\$16.50	\$30.00
18-24"	.45 each	22.00	40.00
2-3'	.55 each	27.50	50.00

SH-14 Caragana, Siberian Peashrub

A hardy shrub, covered in May with yellow flowers. The leaves are light green. The flowers are followed by long seed pods. Makes a good hedge if kept at or below 6 feet. 3-yr. plants.

	24 or less	50	100
18-24"	.25 each	\$11.00	\$20.00
2-3'	.30 each	13.50	25.00
3-4'	.35 each	16.50	30.00

SH-16 Cotoneaster (*Cotoneaster acutifolia*)

An attractive shrub with glossy dark green leaves. Will grow in partial shade. Colors beautifully in fall. Pink flowers in spring followed by black berries. A good medium sized hedge. Can be kept at a height of 2 to 5 feet by trimming. 5-yr. plants.

	24 or less	50	100
18-24"	.65 each	\$33.00	\$60.00
2-3'	.90 each	44.00	80.00
3-4'	1.20 each	55.00	100.00

SH-17 Currant, Alpine (*Ribes Alpinum*)

The finest of all low growing hedges. It will grow in partial shade. Can be kept at a height of 1 to 3 feet as desired. 3-yr. plants.

	24 or less	50	100
12-15'	.95	\$45.00	\$85.00
15-18"	1.20	55.00	100.00
18-24"	1.60	65.00	125.00

TS-30 Hedgewood (*Ulmus Pumila*)

Hardy dwarf Siberian strain of Chinese Elm. Rapid growth. Makes good appearance first summer. Can be kept at a height of 2 to 8 feet.

	25 or less	50	100
12-18"	.20 each	\$ 8.50	\$15.00
18-24"	.25 each	11.00	20.00

SH-29 Honeysuckle, Tatarian (*Lonicera*)

A good hardy upright variety grown for hedging purposes.

	25 or less	50	100
12-18"	.35 each	\$16.50	\$30.00
18-24"	.55 each	24.75	45.00

HEDGES—Cont'd.

SH-35	Lilac, Common Purple —Flowering Hedge			
	Ideal for tall natural screen. Lovely May flowers. 3-yr. plants.			
		25 or less	50	100
	18-24"	\$.70	\$33.00	\$60.00
	2-3'	1.00	46.75	85.00
SH-37	Lilac, Persian Purple			
	Good for a 6 foot fine leaved background. Does not sucker as does Common Lilac. 3-yr. plants.			
		25 or less	50	100
	18-24"	\$.90	\$41.50	75.00
	2-3'	1.10	50.00	90.00
SH-76	Privet, (Amur River North) (<i>Ligustrum Amurense</i>)			
	A valuable, fast growing hedge with rich attractive foliage. Semi-hardy. Can be kept 2 to 5 feet tall.			
		25 or less	50	100
	18-24"	\$.60	\$27.50	\$50.00
	2-3' .....	.75	35.00	65.00
SH-75	*Privet, Lodense (<i>Ligustrum lodense</i>)			
	A very dense low hedge. Does well kept trimmed at 3 to 4 feet. Holds leaves well into winter. Semi-hardy in Minnesota.			
		25 or less	50	100
	18-24"	\$1.00	\$46.75	\$85.00
RH-3	Rose, Hansa			
	A flowering hedge, repeating its deep red bloom all summer. Very hardy.			
		25 or less	50	100
	12-18"	\$1.20	\$55.00	\$100.00
	18-24"	1.35	65.00	120.00
RH-60	Rose, Multiflora—A Living Hedge			
	Despite great publicity, not proven hardy in Minnesota or Northern Iowa. We make NO Warranty on it.			
		25 or less	50	100
	12-18"	\$.25	\$ 8.50	\$15.00
	18-24" .....	.35	10.00	18.00
SH-57	Russian Olive			
	Makes a tall hedge with silvery foliage. Very striking and tolerant of drouth and alkali soil. 3-yr. plants.			
		25 or less	50	100
	12-18"	\$.20	\$ 8.50	\$15.00
	18-24" .....	.25	11.00	20.00
	2-3' .....	.35	16.00	28.00
SH-68	Spirea, Bridal Wreath (<i>Spirea Vanhouttei</i>)			
	One of the most popular Spireas as it blooms profusely. Will make A graceful shrub covered with small, pure white flowers in May. a good tall hedge from 6 to 8 feet high.			
		25 or less	50	100
	18-24"	\$.60	\$27.50	\$50.00
	2-3' .....	.70	32.50	60.00
SH-64	*Spirea, Frobel			
	A pink flowering hedge. Never over 3½ feet tall and requires no trimming.			
		25 or less	50	100
	12-15"	\$.50	\$42.50	\$80.00
SH-74	*Willow, Dwarf Blue Leaf (<i>Salix purpurea</i>)			
	An attractive low growing willow. It is well suited for hedges. Foliage and branches are of a bluish color. Semi-hardy.			
		25 or less	50	100
	12-18" .....	.90	\$41.50	\$75.00
	18-24"	1.20	55.00	100.00

PERENNIALS

Perennials are a beautiful aid in adding color to one's garden or yard. A large variety of color and consistency of bloom from spring through fall may be had by using Perennials.

They may be used in almost any situation where colorful plants are desired. They may be used under trees, among shrubbery, in the rockeries, along borders and on sloping banks. Varieties may be had for planting in shady or sunny locations.

Not only do they work out very well for landscape work, but by careful selection they may at the same time yield a profusion of bloom for cut flowers.

Perennials range in height offering proper graduation for massed plantings.

Very Important—Most Perennials bloom profusely the first season increasing the joy of a completed landscaping. For an easy to grow basic garden, plant a few each of Peonies, Iris, Phlox and Mums then fill in with the other Perennials.

BIG BARGAIN PERENNIAL GARDEN

3 Peony Divisions



3 Iris



3 Phlox

3 Mums

Your Assortment or Ours

A \$12.60 Value — ONLY \$10.00

Color All Summer — Year After Year

PEONIES

Bin No.

No. 1 Quality

3 eye Divisions	\$1.50 each	6 for \$8.50	12 for \$15.00
5 eye Clumps	2.50 each	6 for 13.50	12 for 25.00

- P-1 **Mons. Jules Elie**
Very large, bright rose-pink type, silvery sheen. Strong fragrance. Early.
- P-2 **Eduis Superba**
Deep rose-pink, early.
- P-3 **Karl Rosenfield**
Rich blood red. One of the finest. Early.
- P-4 **Baroness Schroeder**
Pale flesh pink fading to pure white. Late.
- P-5 **Festiva Maxima**
Pure white, flecked crimson. Very large. Early.
- P-6 **Cashman**
A near yellow peony, large yellow center with single alabaster petals changing to a delicate yellow.
5 eye division\$3.00 each
- P-7 ***Fringe Leaf**
A single variety with delicate leaves but blossoms on or before Memorial Day at Owatonna. Deep red with golden center. Very rare.
5 eye divisions\$4.00 each

PERENNIALS—Cont'd.

Bin No.

Peony Collections

Mons. Jules Elie, Edulis Superba, Karl Rosenfield, Baroness Schroeder and Festiva Maxima.

1 each of 5 varieties shown in plate book.

5 Divisions\$7.50 5 Clumps.....\$12.50

2 each of the above varieties.

10 Divisions\$12.50 10 Clumps.....\$21.50

1 each of the 7 listed above\$19.50

P-8 Bleeding Heart (*Spectabilis*)

Heart shaped, rosy pink boloms in May. Very hardy in sun or shade. An old-fashioned favorite. No. 1 Quality.

\$2.00 each 6 for \$11.00 12 for \$20.00

Other Field Grown Perennial Flowers

Bulbs and Lilies

90c each \$9.00 per dozen Minimum order \$4.50 for 6

P-10 Artemesia (*Silver King*) For Foliage

Silver colored stem and leaves make this good for contrast in flower and shrub plantings as well as bouquets. Grows to 3 feet, may be cut and dried for winter use.

P-11 Baby's Breath (*Gypsophila, Bristol Fairy*)

A very graceful flower both in the garden or bouquet, with an abundance of white stonecrop blossoms. Useful as a filler and for cut flowers. Height about 2 feet. Blooms July thru August.

P-12 Balloon Flower (*Platycodon*)

An erect, slender plant topped with blue, bell-shaped flowers. Blossoms from June to October. Height 1 to 2 feet.

P-13 Canterbury Bell (*Campanula Rotundifolia*) Blue Bells of Scotland.

A pretty, bell-shaped flower in a variety of colors. Two to three feet tall. Blossoms June thru July. May be grown in sun or shade. Used as a filler, blooms profusely. A biennial.

P-14 Carnations, Mixed Colors

A hardy, low growing flower, blooming from June to October. A favorite border plant with unusual fragrance. (Do Not Specify Color.)

P-9 Columbine (*Aquilegia*) Mixed Colors.

A showy blossom, resembling honeysuckle. Blossoms in June. Varies from 2-3 feet in height and colors. Long stems make it good for cutting. Does well in full sun or partial shade. Used as filler.

P-15 Coral Bell (*Heuchera*) Spitfire—Garnet

A low growing plant, producing tall spikes with dainty red, bell-like blossoms. Good for cutting. Foliage about 8 inches tall with blossoms to 2 feet. Blooms in June and September.

P-16 Coreopsis

A yellow, daisy-like flower, blossoming profusely from June thru August. Ideal for cutting, making attractive bouquets as well as a splash of color in the garden. Height 2 feet.

Chrysanthemums

We specialize in the early blossoming varieties so the late flowers of summer produce a long period of color. Available in various colors, either cushion (safest) or taller growing types.

P-17C Red Cushion

P-18C White Cushion

P-19C Lavender Cushion

P-20C Pink Cushion

P-21C Bronze Cushion

P-22C Yellow Cushion

P-23C Purple Cushion

P-17T Red Tall

P-18T White Tall

P-19T Lavender Tall

P-20T Pink Tall

P-21T Bronze Tall

P-22T Yellow Tall

P-23T Purple Tall

PERENNIALS—Cont'd.

PERENNIAL FLOWERS, BULBS, AND LILLIES

90c each, \$9.00 per dozen. Minimum order \$4.50 for 6
Except Where Noted.

Bin No.

Dahlias

This bulb is a valuable addition to any garden. Large beautiful blossoms in red, yellow or white. Tall growing. Bloom August to September'. Plant in spring, dig in fall.

P-24 Yellow

P-25 Red

P-26 White

Delphinium (*Larkspur*)

These tall, stately spikes make beautiful background planting as well as exquisite bouquets. Will bloom in June-July and again later in summer. Very hardy. 4 ft.

New Giant Pacific Hybrids\$1.00 each

P-27 Black Knight — Deep midnight blue\$1.00

P-28 Galahad — Pure white\$1.00

P-29 Guinevere — Sky blue and lavender pink\$1.00

P-30 Flax, (*Linum*)

A plant unusual in appearance with feathery foliage, sprinkled with sky blue blossoms. Grows 1½ to 2 feet in height and blooms in May and August.

Gaillardia (*Blanket Flower*)

P-31 Burgundy. Shining deep red wine flowers August and September.
2 feet high.

P-32 Dazzler

Large yellow and maroon flowers. 16 inches high.

Iris

One of the best of early flowers, blooming in May and June. A beautiful blossom, shaped like an orchid on tall spikes with stately green foliage. Does well in sun or partial shade.

P-33 Dwarf Blue. 8-10 inches tall and do not spread out.

P-34 Purple. 18" to 2 feet.

P-35 Lavender. 18" to 2 feet.

P-36 Yellow. 18" to 2 feet.

P-37 White. 18" to 2 feet.

LILLIES

Enhance the beauty of your garden with these royal flowers of the Orient. Exotic in beauty and scent, very hardy grower. A tall growing flower that commands attention.

P-38 Regal Lily

White with pink and yellow. Blossoms July-August.

P-39 Day Lily

Hemerocallis, orange yellow. Blossoms in June-July.

P-40 Henryi

Orange red. Blossoms June-July.

P-41 Rubrum Lily

Pink. Blossoms June-July.

P-42 Funkia or Hosta Lily

Low border foliage. Single blue flower in August.

PERENNIALS—Cont'd.

Bin No.

P-43 *Lythrum* (*Morden's Pink*)

A bright pink flower that blooms most of the summer. Grows tall and is good for background. Used for color accent and bouquets. Extremely hardy.

P-44 *Maltese Cross* (*Lychnis*)

A good background flower. Tall growing with vermillion red clusters of blossoms at top. An interesting addition to the garden or bouquet. Blooms June-July.

P-45 *Iceland Poppy* (*Papaver Nudicaule*)

A large, cup-shaped poppy in gay colors. Blooms the largest of any of the poppies adding a bright splash of varied colors. Grows 1 to 1½ feet. Blooms June to September. Hardy.

P-46 *Oriental Poppy* (*Papaver Orientale*)

Nothing equals the brilliant color of this poppy. The large blossoms sometimes 6 inches in diameter are very bright crimson-scarlet. Very hardy flower, but difficult to transplant. 2-2½ feet. Blooms in June.

P-62 *Painted Daisy* (*Pyrethrum*) Mixed

Shades of Pink, Rose, Salmon and White in single and double flowers, good stems for cutting in June and July.

Phlox

Phlox bloom from July to September and are old favorites because they are so easy to grow and give so much color for a long time with the minimum effort.

P-47 *Mrs. Jenkins*—Pure White. P-52 *R. P. Struthers*—Carmine, Red Eye.

P-55 *Widar*—Blue Violet. P-53 *B. Comte*—Purple.

P-49 *Rijstroom*—Rose-Pink. P-54 *Champs Elysees*—Crimson.

P-50 *Thor*—Salmon, Red Eye. P-48 *Chas. Mayo*—White, Red Eye.

P-51 *Rheinlander*—Salmon Pink.

"Surgeme Collection"—Two of each of the above 9 varieties, 18 beautiful Phlox — \$13.50 value for \$11.95.

Collection of 9, one of each of the above — \$8.10 value for \$7.50.

P-56 *Creeping Phlox* (*Phlox Sublata*)

Emerald cushion creeping ground cover plant completely covered with bright pink flowers in May followed by excellent foliage.

P-57 *Scabiosa* (*Mourning Bride*)

Tall, double blooms in soft blue shade distinguish this flower. Used as a filler and ideal for cutting. Height 18 inches. Blooms June to September. Called "Pincushion Flower" sometimes.

P-58 *Sedum* (*Stoncrop*) (*Spectabile Brilliant*)

A low growing plant, especially suited to rock gardens. Plants are covered with bright pink blossoms from August to September. Oval shaped thick leaves.

P-59 *Shasta Daisy* (*Alaska*)

A large white daisy with bright yellow button center. Blossoms profusely from June to September. The most popular for cutting. Very hardy. Height 1½ to 2 feet.

P-60 *Sweet William* (*Dianthus Barbatus*)

Clusters of delicate fragrant blossoms make this a garden favorite. Blooms profusely June thru July, variously edged and spotted. Height about 14-18".

P-61 *Veronica* (*Blue Spire*)

Here is a beautiful flower, both in garden and bouquet. A valuable addition to the cutting garden. Has tall blue spires similar to lilac in appearance. Height about 2 feet with flower spikes 3 to 4 inches long. Blooms all summer.

ORNAMENTAL AND SHADE TREES

Bin No.

- T-1 Ash, Green** (*Fraxinus Lanceolata*) 50-60 ft. (G)
A fast growing, long lived tree. Suitable for planting in light and heavy soils on lawn or boulevard. Very hardy, not easily broken by storms.
5-6'.....\$5.00 each 6-8'.....\$7.50 each 8-10'.....\$11.00 each
- T-2 Birch, Cut Leaf Weeping** (*Betula pendulata laciniata*) 30-40 ft. (G)
An outstanding, graceful tree with white bark. The drooping limbs carry a cutleaf foliage.
5-6'.....\$7.00 each 6-8'.....\$8.50 each 8-10'.....\$12.00 each
- T-3 Birch, European White** (*Betula pendulata alba*) 30-40 ft. (G)
A graceful tree with white bark and slender branches. Leaves are dark green and are a pointed oval shape. Excellent lawn tree.
5-6'.....\$5.50 each 6-8'.....\$7.00 each 8-10'.....\$9.00 each
- T-4 *Birch, Multiple Stem or Clump Birch** (G)
3 trees on one stem.
3-4'.....\$7.50 per clump 4-5'.....\$9.00 per clump
- T-5 Buckeye, (Horse Chestnut)** (*Aesculus glabra*) 30 ft. (F)
Small round topped tree. Flowering in early June, very hardy and insect free.
5-6'\$8.00 each 6-8'.....\$10.00 each
- T-6 Catalpa, Bungei** (*Umbrella Catalpa*) 12-18 ft. (E)
Vigorous dark green leaves. Used in formal planting, semi-hardy.
4-5'\$7.50 each 6-7'.....\$10.00 each

CRABS — FLOWERING AND ORNAMENTAL (F)

Small trees which flower in May and are very desirable for landscape purposes. They take the place of Japanese Cherries which aren't hardy here.

- F-101 ✓ Almey Crab** (F)
A flowering crab with large blossoms of fiery crimson. The blooms are very large and this crab will bloom when it is very young.
4-5'.....\$6.00 each 5-6'.....\$8.00 each
- F-102 Betchel's Crab** (F)
Beautiful double pink, flowering crab. Fragrant rose-bud blossoms in May and June.
4-5'.....\$4.00 each 5-6'.....\$5.00 each 6-8'.....\$6.50 each
- F-24 Dolgo Crab** (G)
A very good jelly crab. Pink and white flowers followed by fiery red fruit. Beautiful either as an ornamental or for fruit.
4-5'.....\$3.00 each 5-6'.....\$3.50 each 6-8'.....\$4.00 each
- F-103 ✓ Hopa Crab** (F)
A beautiful red flowering crab. Entirely covered with flowers in April. Red ornamental fruit which hangs on until late autumn.
4-5'.....\$4.00 each 5-6'.....\$4.50 each 6-8'.....\$5.00 each
- F-26 Flame Crab** (G)
Similar to Dolgo with white blossoms but larger fruit and improved tree. A University of Minnesota introduction.
4-5'.....\$3.00 each 5-6'.....\$3.50 each 6-8'.....\$4.00 each

- T-7 Elm, American** (*Ulmus Americana*) 60-100 ft. (G)
A wide spreading and fast growing tree. Very graceful and hardy.
5-6'\$3.00 each 6-8'.....\$4.50 each 8-10'.....\$6.50 each
10-12'\$8.00 each

Bin No.

BUDDED ELMS—We feature three grafted upright forms of the American Elm which have good symmetrical form, smooth dark bark, deep green large foliage.

5-6'.....\$5.00 each 6-8'.....\$7.00 each 8-10'.....\$10.00 each

T-8 Elm, Lake City 60 ft. (G)

A grafted form of the American Elm. It has a symmetrical form of growth with rich foliage. Larger leaf than Moline Elm.

T-9 Elm, Moline 60 ft. (G)

Similar to Lake City Elm.

T-10 Elm, Minneapolis Park 60 ft. (G)

Similar to Lake City but branches are more upright. Most hardy.

T-11 Hackberry (*Celtis occidentalis*) 60-70 ft. (G)

A very hardy native tree. A very strongly branched upright tree with oval shape. Has distinctive rough bark. Superior to Elm, slower growing.

5-6'.....\$5.00 each 6-8'.....\$7.00 each 8-10'.....\$10.00 each

T-12 Locust, Moraine (Pat.) 50 ft. (G)

A new patented tree completely seedless and thornless with pleasing vase-like shape. Similar to the Elm. The small compound leaves make a filtered shade permitting a better stand of grass and they leave very little litter when they drop.

6-7' unbranched\$12.50 each

T-13 Locust, Thornless Honey Locust (*Gleditsia triacanthos inermis*) 50 ft. (G)

Fragrant white flowers in late May. Long lived, hardy trees, disease free, large edible pods. Easy to grow grass underneath this small leaved tree.

5-6'.....\$5.00 each 6-8'.....\$8.00 each 8-10'.....\$9.50 each

T-14 Linden, American (*Tilia americana*) 70-80 ft. (G)

Also known as Basswood. Compact branching with an oval crown. Grows rapidly. After the leaves have formed it bears clusters of small, fragrant white flowers. Tree has large glossy leaves.

5-6'.....\$5.00 each 6-8'.....\$7.50 each 8-10'.....\$11.00 each

T-20 Maple, Crimson King (*Acer platanoides schwedleri nigra*) 40-50 ft. (G)

A brilliant new Maple. In the spring Crimson King carries rich purple foliage and this color is retained until leaves drop in the fall.

	5-6'	6-7'	8-10'
Branched		\$10.00	\$14.50
Unbranched	\$7.50	8.00	12.50

T-15 Maple, Ginnala 15 ft. (E)

See Ornamental Shrubs—Amur Maple S-44, Page 20.

18-24".....\$2.00 each 2-3'.....\$2.50 each

T-17 Maple, Norway (*Acer platanoides*) 50-60 ft. (G)

A very popular shade tree with rounded head. Has large dark green leaves turning yellow in the fall.

5-6'.....\$5.00 each 6-8'.....\$8.00 each 8-10".....\$12.50 each

T-16 Maple, Sugar or Hard (*Acer saccharum*) 50-75 ft. (G)

Has beautiful fall coloring in shades of red, yellow and orange.

6-8'.....\$8.00 8-10'.....\$10.00

T-18 Maple, Schwedler or Red Leaved (*Acer schwedleri*) 40-50 ft. (G)

Leaves are dark red in spring, changing to redish green in summer. A beautiful ornamental tree.

	5-6'	6-7'	8-10'
Branched		\$9.00	\$12.00
Unbranched	\$5.50	7.00	10.00

Bin No.

- T-19 Maple, Silver or Soft (*Acer saccharinum*) 75-100 ft. (G)**
 An attractive, fast growing tree. The leaves are silvery green on the under side and light green on the upper side, turning bright yellow in fall.
 5-6'.....\$4.00 each 6-8'.....\$5.00 each 8-10'.....\$7.00 each
- T-21 Mountain Ash (*Sorbus Aucuparia*) European 20-30 ft. (G)**
 Small round top tree, flowers and fruits larger than other varieties. Do not plant in dry exposed sites. Wrap trunk to protect from sunscald. For a unique effect plant 3 in a clump.
 5-6'.....\$5.00 each 6-8'.....\$7.00 each 8-10'.....\$8.50 each
- S-52 Prunus Triloba (Rose Tree of China) 8-10 ft. (D)**
 See S-52, Page 21.
 2-3'.....\$3.50 each 3-4'.....\$4.00 each
- S-53 Purple Leaf Plum Tree 15 ft. (E)**
 See S-53, Page 21. Minnesota Purple Leaf Plum, Tree Form.
 3-4'.....\$4.00 each 4-5'.....\$4.50 each
- T-22 Oak, Pin (*Quercus palustris*) 70 ft. (G)**
 The most suitable oak. Leaves take on deep red colors in the fall.
 5-6'.....\$10.00 each 6-8'.....\$12.50 each 8-10'.....\$17.00 each
- T-23 Poplar, Bolleana (*Populus alba bolleana*) 60 ft. (E)**
 Ideal for screening. Smooth green-gray bark. Leaves are dark green and silvery on underside. A rapid grower and long lived.
 5-6'.....\$3.00 each 6-8'.....\$4.50 each 8-10'.....\$6.50 each
- T-24 Poplar, Lombardy (*Populus nigra italica*) 60 ft. (E)**
 An erect and narrow tree. Rapid growing. Can be used for accent in landscaping or for screening.
 5-6'.....\$1.25 each 6-8'.....\$2.25 each 8-10'.....\$3.00 each
 10-12'\$4.00 each
- T-25 Poplar, Northwest 80 ft. (F)**
 An improved variety over Carolina & Norway. Very rapid grower.
 5-6'.....\$2.00 each 6-8'.....\$3.00 each 8-10'.....\$4.00 each
- T-26 Poplar, Silver 70 ft. (G)**
 Spreading growth, very hardy especially in dry and cold areas. Suckering Habit.
 5-6'.....\$4.00 each 6-8'.....\$5.00 each 8-10'.....\$7.50 each
- T-27 *Redbud (*Cercis canadensis*) 15 ft. (E)**
 Small round topped tree, heart shaped leaves, rosy-pink flowers before leaves in spring. Not proven hardy north of Owatonna.
 2-3'.....\$2.50 each 3-4'.....\$4.00 each
- T-28 Weeping Willow Niobe (*Salix alba vitellina pendula*) 50 ft. (G)**
 Golden yellow bark and branches. Hardest of the Weeping Willows. Plant in the background, never close to the house.
 5-6'.....\$3.50 each 6-8'.....\$4.00 each 8-10'.....\$6.00 each

HARDY FOREST TREE SEEDLINGS FOR WINDBREAKS AND SHELTER BELTS

(Also see Hedges Pages 26 and 27 for additional Snow Catch Stock)

Bundled in 25 - 50 - 100. Bundles Not Broken.

The varieties of trees and shrubs used in the farm windbreak depend on the terrain and local climatic and soil conditions. Consult the Windbreak Description in the plate book and literature issued by your State University and available through County Extension Agents. In general, windbreak trees are spaced 6 feet apart in rows. Snowcatch Shrubs 3 feet apart in rows. Rows should be 10-12 feet apart to allow for tractor cultivation. Inside rows should be 100 feet from farm buildings. Windbreaks are needed on North and West sides of a farmstead and often on East and South sides also.

Bin No.

TS-1 Ash, Green 50 ft.

A native tree of fine symmetrical outline. Thrives best in North and South Dakota. Branches seldom break.

	12-18"	18-24"	2-3'	3-4'
Per 100	\$10.00	\$12.50	\$16.00	\$22.00

TS-29 Box Elder 50 ft.

This species is easily distinguished by the pinnate leaves and greenish-yellow bark. It grows rapidly into a large, spreading tree; found valuable for planting timber claims, shelter belts, etc., in the West, where it endures both drought and cold.

	12-18"	18-24"	2-3'	3-4'
Per 100	\$10.00	\$12.50	\$16.00	\$22.00

SS-14 Caragana, Arborescens 12 ft.

Thrives in any well drained soil. Very compact in its growth and desirable for a medium or tall growing hedge. Hardy in the most exposed locations.

	12-18"	18-24"	2-3'	3-4'
Per 100	\$12.50	\$15.00	\$20.00	\$25.00

TS-7 Elm, American, White 60 ft.

This is the noble spreading and drooping tree of our own forests. A fast grower, extremely hardy and desirable for shelter belt planting.

	12-18"	18-24"	2-3'	3-4'
Per 100	\$10.00	\$15.00	\$20.00	\$25.00

TS-30 Elm, Chinese 40 ft.

A hardy strain of a very fast growing tree which will attain windbreak size almost as soon as the Poplars or Willows. Particularly adapted to dry, arid territory. Short lived.

	12-18"	18-24"	2-3'	3-4'
Per 100	\$10.00	\$15.00	\$20.00	\$25.00

TS-33 Locust, Honey 50 ft.

Tree of very open, handsome habit and finely divided foliage. Winter bark brown and olive, while twigs shine as if polished. Hardy.

	12-18'	18-24"	2-3'	
Per 100	\$10.00	\$12.50	\$16.00	

TS-19 Maple, Silver or Soft 75 ft.

A magnificent shade and ornamental tree of rapid growth. It is perfectly hardy and will thrive in any soil and in any locality. The leaves are beautifully shaped and have a silvery gleam. The hardiness and ease of culture of this tree make it one of the most popular.

	12-18"	18-24"	2-3'	3-4'
Per 100	\$10.00	\$12.50	\$16.00	\$22.00

Bin No.

TS-38	Plum 30 ft. Makes a rapid thick growth, hardy, good too for wildlife and erosion control. Good for snowcatch.	12-18"	18-24"	2-3'
	Per 100	\$12.50	\$15.00	\$20.00
TS-31	Poplar, Cottonwood 80 ft. A tall native tree with shiny leaves, attaining a height of 80 to 100 feet. Grows rapidly and is very hardy, thriving under most adverse conditions.		2-3'	3-4'
	Per 100		\$16.00	\$20.00
TS-25	Poplar, Northwest 80 ft. A recent introduction that is proving very popular on account of its extreme hardiness. Particularly adapted to North Dakota, Montana and Northern Minnesota.		3-4'	4-5'
	Per 100		\$25.00	\$40.00
TS-32	Poplar, Norway 80 ft. Unexcelled for its quick growth and effect. It outgrows the Cottonwood and is extensively planted where quick groves and windbreaks are desired. This variety is highly recommended by the government to be planted for lumber purposes.		3-4'	4-5'
	Per 100		\$25.00	\$40.00
TS-24	Poplar, Lombardy 50 ft. Of obelisk form, grows rapidly. Used for screen hedges. Makes a striking feature in any landscape and windbreak.		3-4'	4-5'
	Per 100		\$35.00	\$50.00
TS-34	Russian Mulberry 20 ft. Like Plum, good for wildlife and erosion control. Edible fruit not good flavor.	12-18"	18-24"	2-3'
	Per 100	\$10.00	\$12.50	\$16.00
SS-57	Russian Olive 30 ft. A very large growing shrub. The leaves are narrow and silvery in color. Stands trimming well, perfectly hardy and easy to grow.	12-18"	18-24"	2-3'
	Per 100	\$15.00	\$20.00	\$25.00
TS-35	Willow, Golden Russian 50 ft. A very showy variety, with golden bark of high color, and very showy in winter. Valuable for windbreaks.	12-18"	18-24"	2-3'
	Per 100	\$12.50	\$15.00	\$20.00
TS-36	Willow, Laurel 25 ft. A handsome, close-growing tree, leaves dark, glossy green and highly ornamental. Extensively planted for windbreak and hedge purposes. Requires heavy soil.	12-18"	18-24"	2-3'
	Per 100	\$14.00	\$17.00	\$22.00
TS-37	Willow, Giant White 50 ft. This is the large Willow that has been used so many years for hedges around farms. It does the best in low places.	12-18"	18-24"	2-3'
	Per 100	\$12.50	\$15.00	\$20.00
				\$25.00

EVERGREEN SEEDLINGS For WINDBREAKS**BLACK HILL SPRUCE** (*Picea Glauca densata*) 50-60 ft. (M)

One of the best windbreak evergreens, very compact grows in most all soils. Plant 12 feet apart in single rows or 18 feet apart in double rows, spacing rows 18 feet apart, center to center.

Bin No.

ES-1L **Black Hill Spruce, Twice Transplanted, BARE ROOT.**

Shipped in Sphagnum Moss. Put in a garden plot for three years then set out in permanent location. About one foot high.

25	50	100
\$18.50	\$33.00	\$60.00

ES-1B **Black Hill Spruce, Twice Transplanted. POTTED.**

Pot grown and shipped with own ball of earth. Put in the garden plot for two years and then set out in windbreak.

	Less than 25	25	50
6-8"	\$1.10 each	\$25.00	\$45.00
8-10"	1.35	31.25	57.50

ES-2 **Colorado Spruce** (*Picea Pungens*) 50-60 ft. (M) **POTTED.**

Twice transplanted. Pot grown and shipped with own ball of earth. Longer needles and more blue than Black Hill Spruce.

	Less than 25	25	50
6-8"	\$1.40 each	\$32.50	\$55.00

WINDBREAK SPECIAL**Black Hills Spruce — Bare Root (Not Balled in Burlap)**

To be picked up by customer at nursery for delivery in the Fall of 1953 and Spring of 1954.

1. Book order and send same in with down payment not less than 50%.
2. We will notify customer when to come to nursery during September, 1953 or Spring of 1954. (If moisture is lacking in Fall, we will postpone delivery until late April or Early May, 1954). Customer should have holes dug before coming to nursery for trees and should plant same day as delivery.
3. Minimum Order — 20 Evergreens because these are all custom dug.
 1½ to 2 ft. size \$2.50 each
 2 to 3 ft. size \$3.00 each
4. We do not ship or deliver these trees, they are strictly F.O.B. Nursery field.

ORNAMENTAL EVERGREENS

The Evergreen family is our most valuable aid in beautifying our surroundings. They are valuable even in the smallest place because they prevent a look of bareness in the winter months. Our soil and climate are ideally suited to their growing habits. They serve well when used as a year around screen or windbreak.

Possibly the most popular use of the Evergreen is in the foundation planting. A planting of this type is used mainly to blend the home and landscape together. These plantings will include a variation in height and depth according to the architecture of the home. Tall, narrow varieties such as the Upright Junipers and Arbor Vitea are usually planted either at the entrance or on the corners of the home. Lower growing varieties are planted between them. Evergreens can also be attractively grouped with deciduous trees and used as a background for blooming shrubs.

Evergreens may be safely moved and planted everywhere in the spring. Fall planting in mild, moist areas only. They are dug with solid balls (balled in burlap) so the roots lose none of their effectiveness.

All Evergreens have different growing habits and their ultimate sizes vary. For this reason it is important to select the Evergreens best suited for specific positions in your plantings.

Most of the Evergreens listed will require trimming. Trimming will keep an Evergreen at a desired size and also regular, timely trimming will insure a more compact Evergreen.

The majority of the Evergreens like considerable sunshine, however, there are some varieties which will tolerate shade. The Yews (*Taxus*) are tolerant of north exposures. Arbor Vitea, Pfitzers and Mugho Pine will grow in partial shade.

Evergreens require tremendous quantities of water in fall to go into the winter as they never become dormant. They are most often attacked by Red Spider and the best remedy is to dust with Dusting Sulphur, or "End-O-Pest." Protect from dogs by wire fence or clusters of Barberry Shrubs.

Creeping or Prostrate Evergreens

Bin No.

E-3 Juniper, *Horizontalis* (*Douglasi*) Waukegan Juniper (H)

Spreads close to the ground and useful facing other evergreens covering slopes and rock gardens. Branches take root as they spread. Bluish-green.

Width 15-18"	18-24"	24-30"
\$8.50 each	\$10.50 each	\$13.00 each

E-4 Juniper, *Andorra* (*Juniperus horizontalis plumosa*) (H)

This low spreading Evergreen is noted for its change of color. In the summer it is grayish green turning to pink in the fall. A good Evergreen for contrast foundation planting. Will grow from 4 to 5 feet across and not over 15 to 18 in. high. Good also for covering banks.

Width 15-18"	18-24"	24-30"
\$8.50 each	\$10.50 each	\$13.00 each

Medium Low Evergreens

E-5 Juniper, *Pfitzer* (*Juniperus chinensis pfitzeriana*) (H)

The most popular of the low spreading Evergreens. Very hardy and will tolerate partial shade and also does well in full sunlight. Can be kept to a desired size by trimming. Foliage is of a green color. Used very well in foundation planting.

Width 15-18"	18-24"	24-30"
\$8.50 each	\$10.50 each	\$13.00 each

E-6 Juniper, *Tamariscifolia* (*Juniperus Sabina Tamariscifolia*) (H)

This Evergreen has feathery green foliage. It resembles the Savin in growing habit although it has a tendency to be lower and more spreading.

Width 15-18"	18-24"	24-30"
	Not Available.	

Bin No.

- E-7 **Juniper, Savin** (*Juniperus sabina*) (H)
A very popular Evergreen for foundation plantings. It is low growing and vase-like in shape. It can reach a diameter and height of 4 ft. but can be kept to a desired size by trimming. The foliage is dark green.

Width 15-18"	18-24"	24-30"
\$8.50	\$10.50	\$13.00

- E-8 **Yew, Spreading** (*Taxus cuspidata nana*) (*Spreading Taxus*)
A low spreading Evergreen very suitable for foundation planting. They are very hardy and grow well in shade. Foliage is dark, glossy green.

Width 15-18"	18-24"	24-30"
\$15.50	\$20.50	\$24.50

Round, Low Evergreens

Bin No.

- E-9 **Pine, Mugho** (*Pinus mughus*) (J)
A round, compact, low growing dwarf Pine. Desired size can be controlled by trimming. Needles are a deep green color. It must be kept well cultivated and watered. Very good for foundation planting.

Width and height	12x12	15x15
	\$9.00 each	\$12.00 each

- E-10 **Arbor Vitea, Siberian** (*Thuja occidentalis wareana*) (J)
A very hardy conical shaped Evergreen. The foliage is dark green, thicker and heavier than the American Arbor Vitea. Can be trimmed very easily.

Width 15-18"	18-24"	24-30"
\$8.50 each	\$10.50 each	\$13.00 each

- E-11 **Arbor Vitea, Global** (*Thuja occidentalis*) 4 ft. (J)

Flat lacy light green foilage arranged in sprays. Fast growing. Stands partial shade.

Width 15-18"	18-24"	24-30"
\$8.50 each	\$10.50 each	\$13.00 each

Narrow, Upright Evergreens

Evergreen shown under wider forms can be kept narrow by shearing.

- E-12 **Arbor Vitea, Pyramidal** (*Thuja occidentalis pyramidalis*) (K)
A very popular rapid growing Evergreen. It is tall and narrow and bright green in color. Very good for accenting doorways.

Height 18-24"	24-30"	30-36"	36-42"
\$8.00	\$10.00	\$12.00	\$16.00

Arbor Vitea, Gold Tip

We do not grow it nor sell it due to low demand.

- E-13 **Juniper, Cannarti** (*Juniperus virginiana canaerti*) (K)
A very good upright growing Evergreen. It has rich, dark green foliage. This rich color is held nearly all season. Many of these trees have bluish berries which make a beautiful contrast to the green foliage. Requires trimming to keep dense shape. Has a tufted appearance.

Height 18-24"	24-30"
\$9.00	\$12.00

- E-14 **Juniper, Dundee** (*Juniperus virginiana billi*) (K)
This fine, upright growing Evergreen has an unusual purple winter color and is grayish green in summer. If trimmed it becomes close and compact and can be kept at a desired height for many years. If left untrimmed it will grow larger and have a looser growth.

Height 18-24"	24-30"	30-36"
\$9.00	\$12.00	\$15.00

- E-15 **Juniper Excelsa Stricta** (*Juniper, Spiny Greek*) (K)
Growing habit is narrow and columnar having numerous branches. Foliage is spiny and sharp and is a blue color. Will grow to a height of 5 ft. but can be kept smaller by trimming.

Not available.

Bin No.

Juniper, Irish

We do not grow it, nor sell it. A trimmed Dundee Juniper is similar but more hardy.

E-16 Taxus Capitata (*Upright Yew*) (*Upright Taxus*) (K)

A pyramidal form having thick bushy growth. It is broad at the base tapering to the top. Requires a good amount of moisture and will stand well fertilized ground. Will grow in shade. Works out very well for north exposure plantings. Foliage is dark, waxy green in color. Wider, pyramidal evergreens.

Height	15-18"	18-24"	24-30"
	\$15.50 each	\$20.50 each	\$24.50 each

Hick's Yew— We do not grow it; do not sell it. *Taxus Capitata* is more hardy.

Wider, Pyramidal Evergreens

E-17 Arbor Vitea, American (*Thuja occidentalis*) 20 ft. (L)

The foliage is flat, arranged in sprays of lacy green. Stands trimming very well. Works out very well as a hedge. Grows faster than most Evergreens. Will stand partial shade.

Height	18-24"	24-30"	30-36"	36-42"
	\$7.00 each	\$9.00 each	\$11.50 each	\$14.00 each

E-18 Juniperus Scopulorum (Glaucia Juniper (*Silver Juniper*)) (L)

This upright growing Juniper has attractive silvery foliage. It is very hardy and a dense, showy grower. Can be easily trimmed and kept in a narrow shape, to (K).

Height	18-24"	24-30"	30-36"
	\$8.00 each	\$10.00 each	\$12.50 each

E-19 Juniper Virginiana (Red Cedar) (L) or (K)

Splendid blue-green in summer, purplish-red in winter. Extremely hardy under dry conditions.

Height	18-24"	24-30"	30-36"	36-42"
	\$8.00 each	\$10.00 each	\$12.50 each	\$15.00 each

Tree-Like Evergreens

E-1 Spruce, Black Hills (*Picea glauca densata*) 50 ft. (M)

This tree is very hardy and highly resistant to drought. Foliage color is deep green but occasionally takes on a blue sheen. Very compact growing habit.

Height	18-24"	24-30"	30-36"	36-42"
	\$7.00	\$9.00	\$12.00	\$15.00

E-2 Spruce, Colorado Blue (*Picea pungens glauca*) 50 ft. (M)

A beautiful Evergreen known for its very blue color. Very popular for lawn specimens. It has a symmetrical, conical outline. Very hardy.

Height	18-24"	24-30"	30-36"
	\$13.50 each	\$17.00 each	\$21.00 each

E-24 Spruce, Colorado Green (*Picea pungens*) 40 ft. (M)

A Spruce similar to the Colorado Blue in habit of growth. Foliage is a deep green, in some cases it appears waxy. Very sturdy branches and is extremely hardy.

Height	18-24"	24-30"	30-36"
	\$9.00 each	\$11.00 each	\$14.00 each

Spruce, Norway

Because needles shed prematurely, making mature trees appear shaggy, we recommend Black Hills Spruce.

Bin No.

E-20 Balsam Fir (*Abies Balsamea*)

For heavy soils and moist conditions. Often grown for Christmas Trees. Short, blunt, flat flexible needles.

Height 3-4'\$18.00 each

Concolor Fir

Not Available, do not sell.

Douglas Fir

Not Available, do not sell.

Hemlock

Not Available, do not sell.

Pine, Scotch (K)

Not Available, do not sell. We recommend White Pine in its place.

E-21 Pine, Austrian (*Pinus Nigra*) 40 ft. (K)

A dark green variety thriving on well drained clay soil.

Height 18-24"	24-30"	30-36"
\$8.00 each	\$10.00 each	\$12.50 each

E-22 Pine, Ponderosa (*Pinus Ponderosa Scopolorum*) (Bull) 60 ft. (K)

Very long needles and stiff rugged branches. Endures drought. Requires sun. Tolerates no crowding.

Height 18-24"	24-30"	30-36"
\$8.00 each	\$10.00 each	\$12.50 each

E-23 Pine, White (*Pinus Strobus*) 60 ft. (K)

A tall well branched tree holding its lower limbs better than most pines. It has bright soft needles and likes a well drained soil.

Height 18-24"	24-30"	30-36"
\$8.00 each	\$10.00 each	\$12.50 each

SPECIALTY ITEMS

Note: We ship the following Specialty Items parcel post prepaid, if cash accompanies order. No C.O.D.'s without at least 25% deposit; then customer pays C.O.D. fee and parcel post or express charge.

CASHMAN'S ALL PURPOSE LAWN SEED

This seed has a high Blue Grass content and will give a splendid lawn in sun or shade, moist or well drained soil. It is treated with DuPont *Arasan* to prevent rot and bacteria in cold, moist ground. Seed 4 lbs. per 1,000 square feet. A good lawn prevents weeds from taking over; in the long run good seed pays for itself many fold. This excellent seed contains:

25% Kentucky Blue Grass—Is the best grass for permanent lawn in the Northwest. With a minimum of care it does well on a wide variety of soils and conditions.

17% Poa Trivialis (Rough Blue Grass)—More slender than Kentucky Blue Grass and thrives better in moist, cool and shady locations where Blue Grass won't grow.

23% Red Fescue—Thrives in shady area or sandy soil, germinates in 10 days.

9% White Dutch Clover—Gives lawn a nice appearance;; being a legume, it furnishes nitrogen for the Kentucky Blue Grass, it doesn't become brown in late summer, but stays deep green.

20% Perennial Rye & 6% Red Top—These are rapid germinating varieties which come up quickly and serve as a nurse crop until the Blue Grass and Clover take over.

100% Perennial Grasses—No Annual Grasses. 90% average germination.

Lawn Grass Seed is a big item. A wedge to the new home owner often not yet ready to plant shrubs and trees. OURS IS THE BEST MONEY CAN BUY. Used with our Plant Food, it makes the best lawns. FAST! (Pocket size sample vials upon request.)

5 lb. Bag	@ \$2.00 lb.	\$10.00 per Bag
10 lb. Bag	@ \$1.95 lb.	19.50 per Bag
25 lb. Bag	@ \$1.90 lb.	47.50 per Bag

Please write up Grass Seed order separately from Nursery Stock.

SPECIALTY ITEMS—Cont'd.

RA-PID-GRO PLANT FOOD

Every order can and should include 5 or 10 lbs. of RA-PID-GRO, the approved formula for a liquid plant food.

RA-PID-GRO contains both Vitamin B1 and B2, but separately or combined, these vitamins do not supply all the nourishment required by plant life. While vitamins have a definite value in the promotion of root growth, it is necessary that other food elements which nature has provided for the development and growth of plant life be included. Therefore, to the vitamins in RA-PID-GRO are added eleven other needed food elements. RA-PID-GRO has been called "The Miracle Plant Food" because of the phenomenal results obtained by this almost perfect combination.

RA-PID-GRO contains no inert materials (sand, cocoanut shells or brick dust). Every bit is 100% plant food and when applied in solution it is immediately absorbed by the plant roots. No waiting for weeks to obtain growth or color. RA-PID-GRO gets results in an amazingly short time.

RA-PID-GRO is also called "The Plant Blood Donor" because it is immediately taken in by the plant feeders and sustains life and develops growth.

The principle of this food is to feed the plant itself, not the earth. A healthy plant will itself feed the earth, and healthy plants are produced by RA-PID-GRO which is composed only of the purest chemicals, vitamins and hormones.

EACH POUND of RA-PID-GRO makes 176 pounds of liquid fertilizer or plant food when water is added. Thus, many transportation dollars are saved.

RA-PID-GRO insures success, for it speeds up production and assures an abundant crop. Many gardens are in cramped quarters. RA-PID-GRO will make the yield of that small space compare more than favorably with that of much larger gardens which have not been fed.

All plant food must be in liquid form before it is available to the plants. When RA-PID-GRO is applied according to directions a rainfall is not necessary to make the food available to the plant.

Assure your customers of the Best possibilities of a 100% successful planting by dipping them in a solution of RA-PID-GRO before planting.

DIPPING CHART

Add 22 gallons of water to each pound of RA-PID-GRO. Use tub or pail and place roots in the solution.

TREES—Four minutes.

SHRUBS—Three minutes.

EVERGREENS WITH BALL—Five minutes (leave burlap on).

VEGETABLES and PLANTS—Dip and Out.

BERRIES (all kinds)—Dip and out.

STRAWBERRIES—Dip and out. Use remaining solution for watering after planting. Feed with RA-PID-GRO every four weeks after planting.

For Vegetable Seeds use sprinkling can. Sprinkle seeds with RA-PID-GRO before covering.

For Potted Plants—1 level teaspoonful to a quart of water. Feed every two weeks.

INSTRUCTIONS FOR FEEDING RA-PID-GRO
DURING THE GROWING SEASON

Use Sprinkling Can or Tri-Con Sprayer (See Below)

NURSERY STOCK

TREES

See Dipping Chart. One teaspoonful of RA-PID-GRO to every quart of water. ALWAYS ADD WATER. TWENTY-TWO GALLONS OF WATER TO EACH POUND OF RA-PID-GRO. Feed every two weeks, the first year, then once each month thereafter.

4 to 5 ft. trees—one gallon liquid RA-PID-GRO.

6 to 7 ft. trees—two gallons liquid RA-PID-GRO.

Larger trees—add one-half gallon to every two feet. To feed the foliage, add double the amount of water. This can be sprayed on the tops.

SMALL FRUITS—Berries, Gooseberries, Currants, Grapes.

See Dipping Chart. After planting, feed every two weeks the first season, then every month. Use one quart of liquid RA-PID-GRO to a plant. Feed

RA-PID-GRO—Cont'd.

at the base of the plant. When feeding the foliage, use twice the amount of water.

EVERGREENS—Healthy Evergreens resist red spider and other diseases.

Feed around the base, after loosening the earth with a fork. Feed once every ten days during the first season. Thereafter, feed once every month, during the growing season.

18 to 24 inch trees—one gallon liquid RA-PID-GRO.

Larger trees—add one-half gallon liquid RA-PID-GRO to every foot.

ORNAMENTALS

Use the liquid RA-PID-GRO in planting all trees. Puddle them in. Feed them every ten days during the first year.

2 to 3 ft. trees—one gallon liquid RA-PID-GRO. Add one-half gallon liquid RA-PID-GRO to every foot above this. On large trees, 4 inches or better in diameter, make holes around the base of tree, from 1 ft. to 2 ft. in depth, as far out as the spread of the branches. Fill these holes with liquid RA-PID-GRO. Do this each month during the growing season.

LAWNS

As soon as seed is sown, take a sprinkling can, use one teaspoonful to each quart of water. Sprinkle well until top earth is well dampened. Feed every ten days for two months, once a month thereafter. Old lawns, feed the same.

Use Tri-Con Sprayer for speedy application.

VEGETABLES

Soak the earth well with liquid RA-PID-GRO, on top of row as soon as covered. When plant appears, feed along side of row with sprinkling can, with nozzle removed.

HOW TO ESTIMATE A SEASON'S REQUIREMENTS—

We Recommend for Each 100 Lbs. of Other Fertilizer Used In the Past—

Purchase Only 1 Lb. of RA-PID-GRO

LOT 40'x60'—with approximately 15 shrubs, 20 ft. hedge, 3 fruit trees, 2 evergreens, 12 roses and lawn of 800 square feet requires 5 POUNDS OF RA-PID-GRO FOR SEASON'S FEEDING.

LOT 40'x100'—with approximately 25 shrubs, 3 shade trees, 4 fruit trees, perennials, grapes, raspberries, 10 evergreens, vegetable garden, bulbs and lawn of 1500 square feet requires 10 POUNDS OF RA-PID-GRO FOR SEASON'S FEEDING.

LOT 75'x150'—with approximately 4 dozen roses, 40 shrubs, 4 shade trees, perennials, 6 evergreens, hedge, vegetable garden, strawberries, raspberries, grapes, bulbs, 10 fruit trees and lawn of 4,000 square feet requires 20 POUNDS OF RA-PID-GRO FOR SEASON'S FEEDING.

RA-PID-GRO PLANT FOOD:

2 lbs.	\$2.50	Prices include postage if cash accompanies
5 lbs.	\$4.75	order. Otherwise 25% Deposit, if desired
10 lbs.	\$8.50	C.O.D.

TRI-CON FERTILIZING UNIT NO. 500

For use with RA-PID-GRO on Lawns and for Foilage Feeding we recommend the TRI-CON Lawn Fertilizing Unit.

The new TRI-CON method soaks the RA-PID-GRO fertilizer in as you apply it. Gardeners everywhere acclaim it as the best method ever devised for even, safe, effective distribution. Puts the stimulating, soluble material directly where it is immediately available. Embodies new principle in fertilizer applicators. No messy pre-mixing is necessary. Fertilizer placed in jar according to manufacturers instruction in dry, concentrated form; comes out in liquid form, automatically, properly mixed with plenty of water.

After applying fertilizer, the patented reversible cap instantly converts gun into pistol grip hose nozzle. Sprinkler base also furnished for use as stationary sprinkler.

The ratio of the amount of water to the fertilizer remains the same, regardless of water pressure. The pressure does not affect the strength of the solution. It does control the speed with which the jar is emptied—the higher the

SPECIALTY ITEMS—Cont'd.

pressure the faster it will be used.

The strength of the fertilizer solution does not vary with the amount left in the jar.

It cannot be used for insecticide spraying because it delivers too much water and solution would not stick to leaves.

NO. 500 TRI-CON FERTILIZER UNIT \$6.00 each postpaid
Complete with dual nozzle and sprinkler base. No C.O.D.'s.

RABBIT REPELLENT

NO-NIB'L

(Powder Form)

Good-rite NO-NIB'L is recommended as a rabbit repellent for flowers, shrubs and certain vegetable plants. Good-rite NO-NIB'L, when used as directed will not harm plants or soil and is non-injurious to birds, rabbits and other animals. Good-rite NO-NIB'L is easy to use and is effective either as a dust or as a spray. Contains no sticker.

\$1.17 per 6-oz. Shaker Can, Postpaid — No C.O.D.'s.

Z. I. P. — LIQUID FORM

Z.I.P.—Deer and rabbit repellent for orchard trees, nursery stock, forestry seedlings and certain row crops. Contains a sticker for weather resistance and long lasting protection.

\$3.00 per Quart, Postpaid. No C.O.D.'s.

\$7.20 per Gallon. F.O.B. Owatonna.

PRUNING SHEARS

Seymour Smith, Snap Cut Each \$2.75

SALESMEN'S SUPPLIES

Handy Reference Books— Two helpful and worthwhile books for our climate by F. P. Daniels are now available.

"Horse Sense Horticulture," describes plants, diseases, pest control, fruit growing, etc. A \$2.50 book—your cost \$1.25

"You Can Landscape Your Own Home," how to do it with good sales-making pictures. A \$1.00 book—your cost 50c

2x2" Colored Slides—Set of 30 colored slides, and viewer \$10.00

17x22 Drawing Paper.

Ruled 8 squares per inch.

Package of 25 sheets \$1.50

Package of 100 sheets \$5.50

Cashman Landscape Template \$1.50

1/8" and 1/4" Drawing (Rule) Scale No Charge

18x24 Masonite Drawing Board No Charge

Estimate Forms No Charge

Business Cards— We pay 1/2 the cost.

Your Share 1,000 \$5.00

" " 500 \$4.00

" " 250 \$2.50

Blotters— Imprinted with your name, address, per 1,000 \$7.50

Appointment Folders— Imprinted with your name, address. Per 1,000 \$5.00

Pocket Rubber Stamp \$4.00

SALESMEN must teach customers how to successfully plant nursery stock:

1. Call for stock on delivery day.
2. Soak 24 hours to 40 hours in water before planting.
3. Prune the tips off the roots.
4. Plant in roomy holes, add gravel if drainage is poor.
5. Tramp the ground firmly around the roots.
6. Do not put manure in the holes.
7. Water amply before and after planting.
8. Cut limbs back on all stock except Cut Leaf Birch, Evergreens, 5-in-1 Apples.
9. Mulch trees heavily with grass or straw on top of the ground to keep the moisture in the soil.
10. Fruit. Mountain Ash, all Elm except American, Schwedleri & Norway Maple Trees must be wrapped with paper for winter protection.
11. Spray fruit trees each year.
12. Keep out weeds and cultivate ground.

MEMBERS
**Of Nurserymen's Associations and
 State Horticultural Societies
 in Most States
 and the
 American Association of
 Nurserymen**



**H—Creeping,
Prostrate and
Medium Low
Evergreens.**

**J—Round Low
Evergreens**

**K—Narrow,
Upright
Columnar, or
Pyramidal
Evergreens**

**L—Wider Pyramidal
Evergreens**

**M—Tree-Like
Evergreens**